

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUBMIT IN DUPLICATE*
 (Other instructions on
 reverse side)

5. Lease Designation and Serial No.
 ML 16532

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

State

9. Well No.

#16-1-0

10. Field and Pool, or Wildcat

Wildcat **UNDESIGNATED**

11. Sec., T., R., M., or Blk.
 and Survey or Area

Sec. 16, T9S, R16E, S.L.M.

12. County or Parrish 13. State
 Duchesne Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

Oil Well ☒

Gas Well ☒

Other

Single Zone ☐

Multiple Zone ☐

2. Name of Operator

Alta Energy Corp. (Texas Domestic) D-B-A Alte Corp.

3. Address of Operator

Drawer 777, Vernal, Utah 84078 (789-5390)

4. Location of Well (Report location clearly and in accordance with any State requirements.)
 At surface

2110 FEL 755' FSL Section 16, T9S, R16E, S.L.M. DIVISION OF OIL
 At proposed prod. zone GAS & MINING
 Same

14. Distance in miles and direction from nearest town or post office*

20 miles Southwest of Myton, Utah

15. Distance from proposed*
 location to nearest
 property or lease line, ft.
 (Also to nearest drlg. line, if any)

755'

16. No. of acres in lease

560

17. No. of acres assigned
 to this well

40'

18. Distance from proposed location*
 to nearest well, drilling, completed,
 or applied for, on this lease, ft.

19. Proposed depth

6100'

20. Rotary or cable tools

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

5927'

22. Approx. date work will start*

A.S.A.P.

23.

PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
12 1/4"	8 5/8"	32# K-40	250'	Circulate to surface
7 7/8"	5 1/2"	15.5# J-55	6100'	Class H 2% Calcium Chloride to above Oil Shale Base approximately 2500'.

See Attachments

10 Point Plan

B.O.P.

Location Plat

Cut Sheet

Topo. Map "A"

Topo. Map "B"

**APPROVED BY THE STATE
 OF UTAH DIVISION OF
 OIL, GAS, AND MINING**
 DATE: 11/8/84
 BY: [Signature]

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

Signed

[Signature]

Title

Prod. Supt.

Date

(This space for Federal or State office use)

Permit No.

Approval Date

Approved by

Title

Date

Conditions of approval, if any:

PROJECT
ALTA ENERGY CORP

N 89° 50' W

80.24

N 0° 03' W

16

16-1-0
Elev. Ungraded Ground
5927'

80.20

S 89° 52' E

755'

2110'

N 0° 02' W

CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Nelson Kramlich

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UTAH ENGINEERING & LAND SURVEYING
 P. O. BOX Q - 85 SOUTH - 200 EAST
 VERNAL, UTAH - 84078

SCALE 1" = 1000'		DATE 11 / 1 / 84
PARTY G.S.	BFW	REFERENCES GLO Plat
WEATHER Fair		FILE ALTA

Company ALTA ENERGY CORP. (Texas Domestic) D-B-A Alte Corp.

Well No. State #16-1-0

Location: Section 16, T9S, R16E, S.L.M.

Lease No.: ML 16532

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas Order No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A. DRILLING PROGRAM

1. Surface Formation and Estimated Formation Tops:

Surface Uintah Formation; Oil Shale 1577'; Horse Bench 2349'; Base Oil Shale 3148'; Garden Gulch 3722'; Douglas Creek 4498'; Douglas Creek "V" 4741'; Douglas Creek "3" 5129'; Douglas Creek I 5139'; Upper Black Shale 5310'; Wasatch Tongue 5568'; Wasatch Tongue "3" 5585'; Wasatch Tongue "1" 5849'; Lower Black Shale 5967'; T.D. 6100'

2. Estimated Depth at which Oil, Gas, Water, or other Mineral Bearing Zones are Expected to be encountered:

	<u>Formation</u>	<u>Zone</u>
Expected Oil Zones:	Douglas V	Wasatch Tongue Wasatch Tongue "3"
Expected Gas Zones:	Douglas V	Wasatch Tongue Wasatch Tongue "3"
Expected Water Zones:	None	
Expected Mineral Zones:	None	

All fresh water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

3. Pressure Control Equipment:

3000# Double Gage BOP with Pipe Ram & Blind Ram 8 5/8"

5 1/2 Production Single Stage from T.D. to above Oil Shale.

ALTA ENERGY CORP. (Texas Domestic)
D-B-A'Alte Corp. State 16-1-0
Section 16, T9S, R16E, S.L.M.

BOP systems will be consistent with API RP 53. Pressure tests will be conducted before drilling out from under all casing strings which are set and cemented in place. Blowout preventer controls will be installed prior to drilling the surface casing plug and will remain in use until the well is completed or abandoned. Preventers will be inspected and operated at least daily to ensure good mechanical working order, and this inspection recorded on the daily drilling report. Preventers will be pressure tested before drilling casing cement plugs.

The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location during pressure testing.

4. Casing Program and Auxiliary Equipment:

8 5/8" 250' 32# K-40 cement to surface

5 1/2" 5231' 15.5# J-55 cement to above Oil Shale Base 2500'

Anticipated cement tops will be reported as to depth, not the expected number of sacks of cement to be used. The District Office should be notified, with sufficient lead time, in order to have a BLM representative on location while running all casing strings and cementing.

5. Mud Program and Circulating Medium:

Clear water 4000' 3% KCL to T.D.

6. Coring, Logging and Testing Program:

No coring anticipated.

Dual induction laterolog T.D. to surface.

Compensated Density T.D. surface. Neutron Log, Bond Log T.D. to surface.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the authorized officer(AO).

*Should be
State forms*

7. Abnormal Conditions, Bottom Hole Pressures and Potential Hazards:

None

8. Anticipated Starting Dates and Notifications of Operations:

Location Construction: Immediately upon approval.

Spud Date: A.S.A.P. after pad and road are completed.

ALTA ENERGY CORP. (Texas Domestic)
D-B-A Alte Corp. State 16-1-0
Section 16, T9S, R16E, S.L.M.

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

The spud date will be reported orally to the AO within 48 hours after spudding. If the spudding occurs on a weekend or holiday, the report will be submitted on the following regular working day. The oral report will be followed up with a Sundry Notice.

In accordance with Onshore Oil and Gas Order No. 1, this well will be reported on Form 9-329 "Monthly Report of Operations", starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report will be filed, in duplicate, to the Vernal BLM District Office, 170 South 500 East, Vernal, Utah 84078.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than 5 days following the date on which the well is placed on production.

Pursuant to NTL-2B, with the approval of the District Engineer, produced water may be temporarily disposed of into unlined pits for a period of up to 90 days. During the period so authorized, an application for approval of the permanent disposal method, along with the required water analysis and other information, must be submitted to the District Engineer.

Pursuant to NTL-4A, lessees or operators are authorized to vent/flare gas during initial well evaluation tests, not exceeding a period of 30 days or the production of 50 MMCF of gas, whichever occurs first. An application must be filed with the District Engineer and approval received, for any venting/flaring of gas beyond the initial 30 day authorized test period.

A schematic facilities diagram as required by 43 CFR 3162.7-2, 3162.7-3, and 3162.7-4 shall be submitted to the appropriate District Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in 43 CFR 3162.7 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.4.

A first production conference will be scheduled within 15 days after receipt of the first production notice.

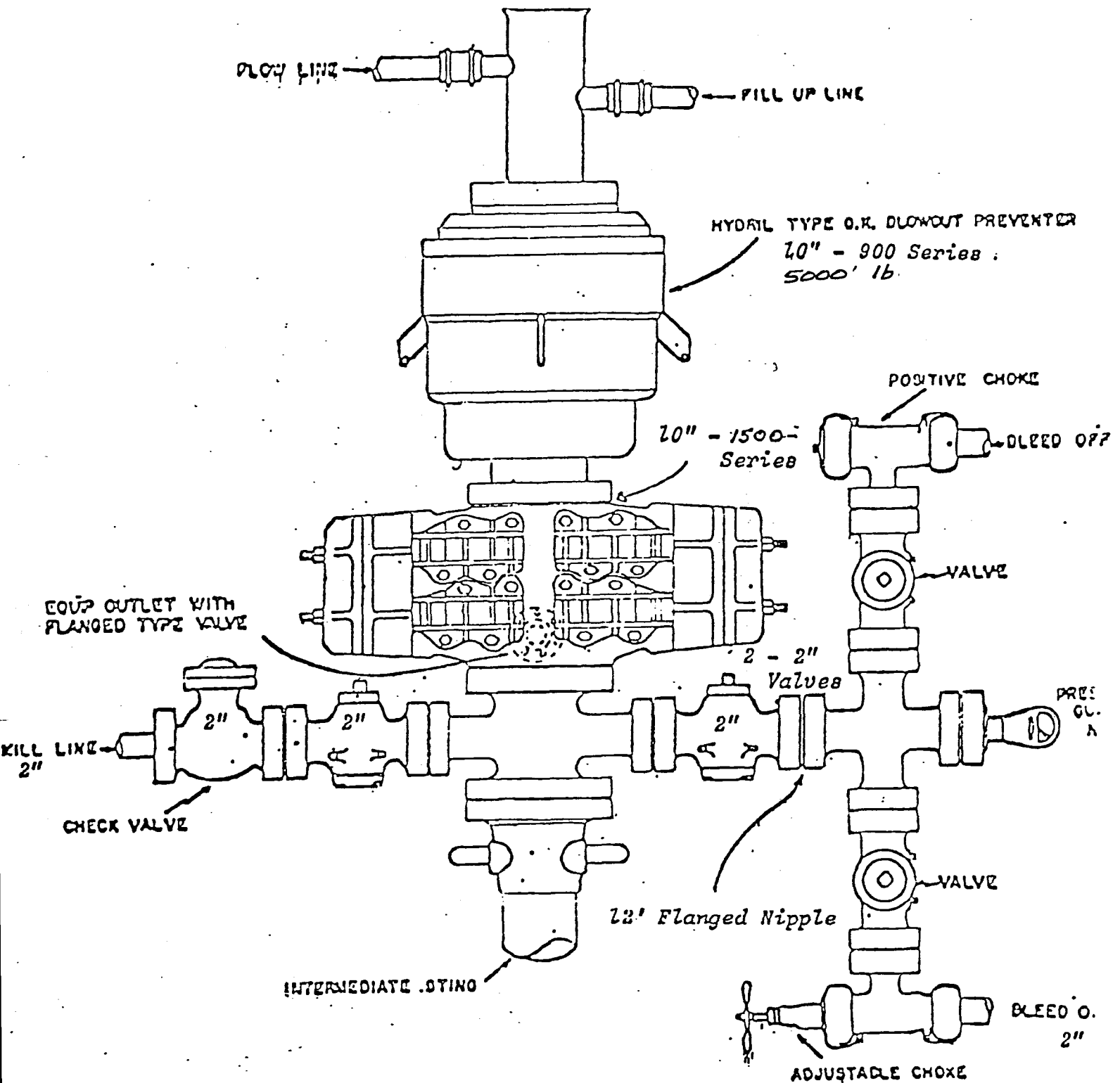
ALTA ENERGY CORP. (Texas Domestic)
D-B-A-Alte Corp. State 16-1-0
Section 16, T9S, R16E, S.L.M.

No well abandonment operations will be commenced without prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the SO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within 30 days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

Pursuant to Onshore Oil and Gas Order No. 1, lessees and operators have the responsibility to see that their exploration, development, production, and construction operations are conducted in a manner which conforms with applicable Federal laws and regulations and with State and local laws and regulations to the extent that such State and local laws and regulations to the extent that such State and local laws are applicable to operations on Federal or Indian lands.

ALTA ENERGY CORP.

(Texas Domestic) D-B-A Alte Corp.

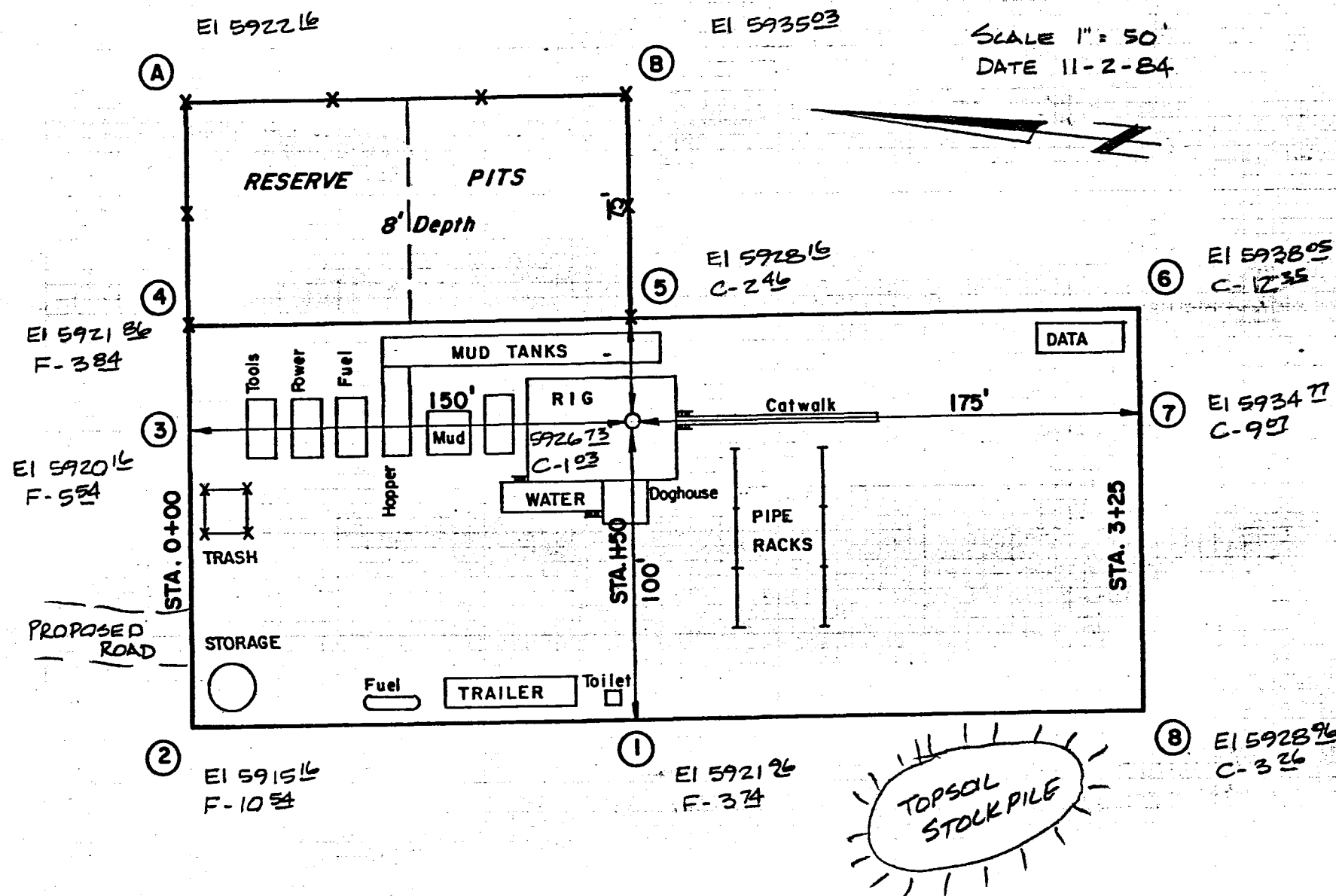


NOTE: BLOWOUT PREVENTER HAS DOUBLE RAMS;
ONE BLIND AND ONE PIPE RAM.

Diag. A

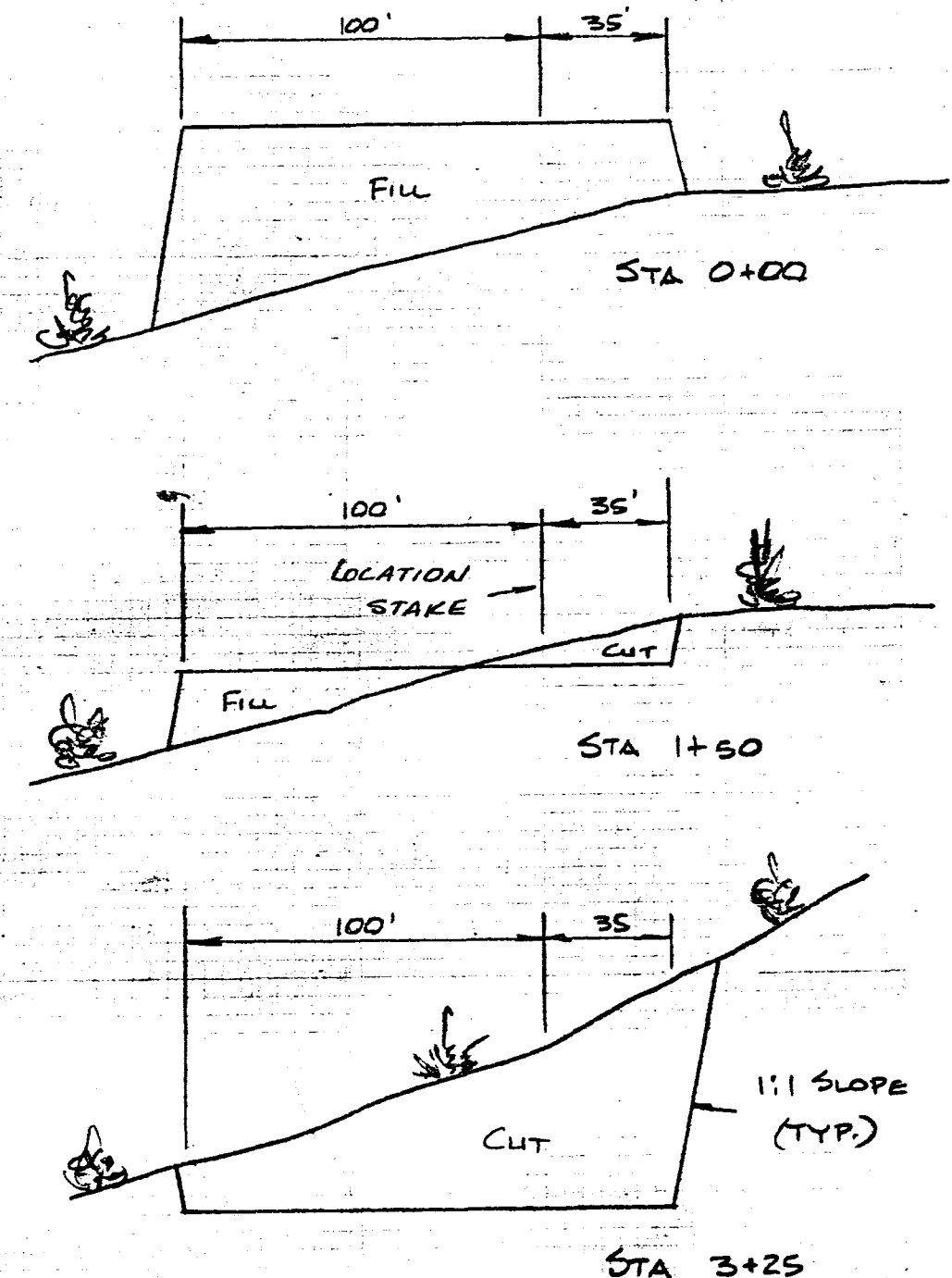
ALTA ENERGY CORP. (TEXAS DOMESTIC) D-B-A ALTE CORP.

STATE # 16-1-0



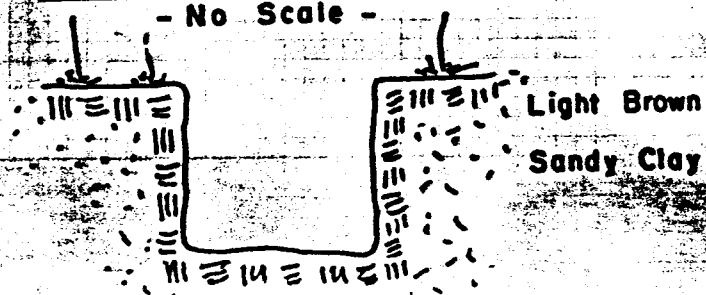
C
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SOILS LITHOLOGY

- No Scale -



Scales
1" = 50'

APPROXIMATE YARDAGES

Cubic Yards Cut - 4456

Cubic Yards Fill - 4278

ALTA ENERGY (RP.
(Texas Domestic) D-B-A ALTE CORP.

STATE # 16-1-0
PROPOSED LOCATION

TOPO.

MAP "B"

SCALE 1" = 2000'

ROAD CLASSIFICATION

Light duty road, all weather,
improved surface

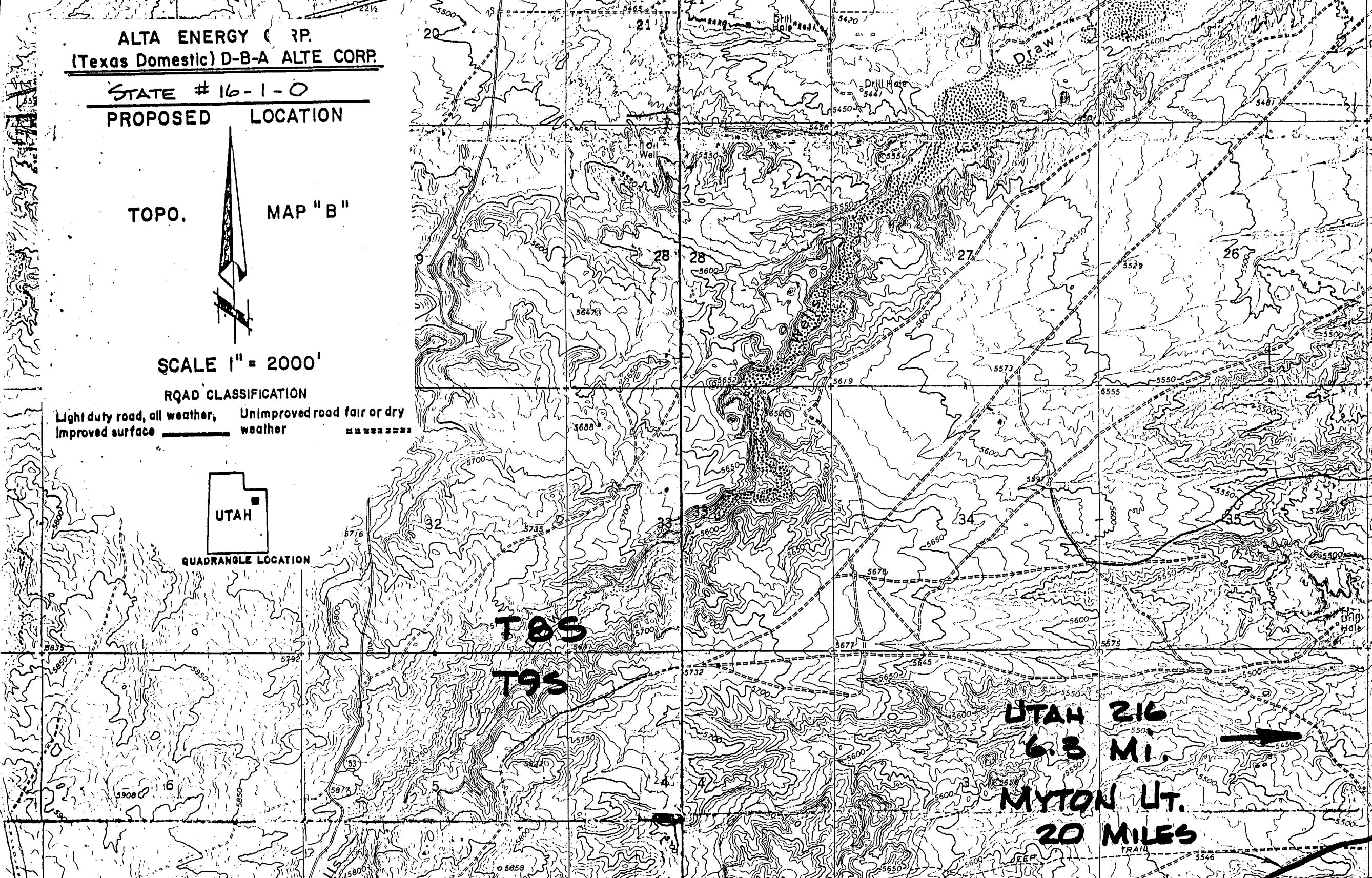
Unimproved road fair or dry
weather



QUADRANGLE LOCATION

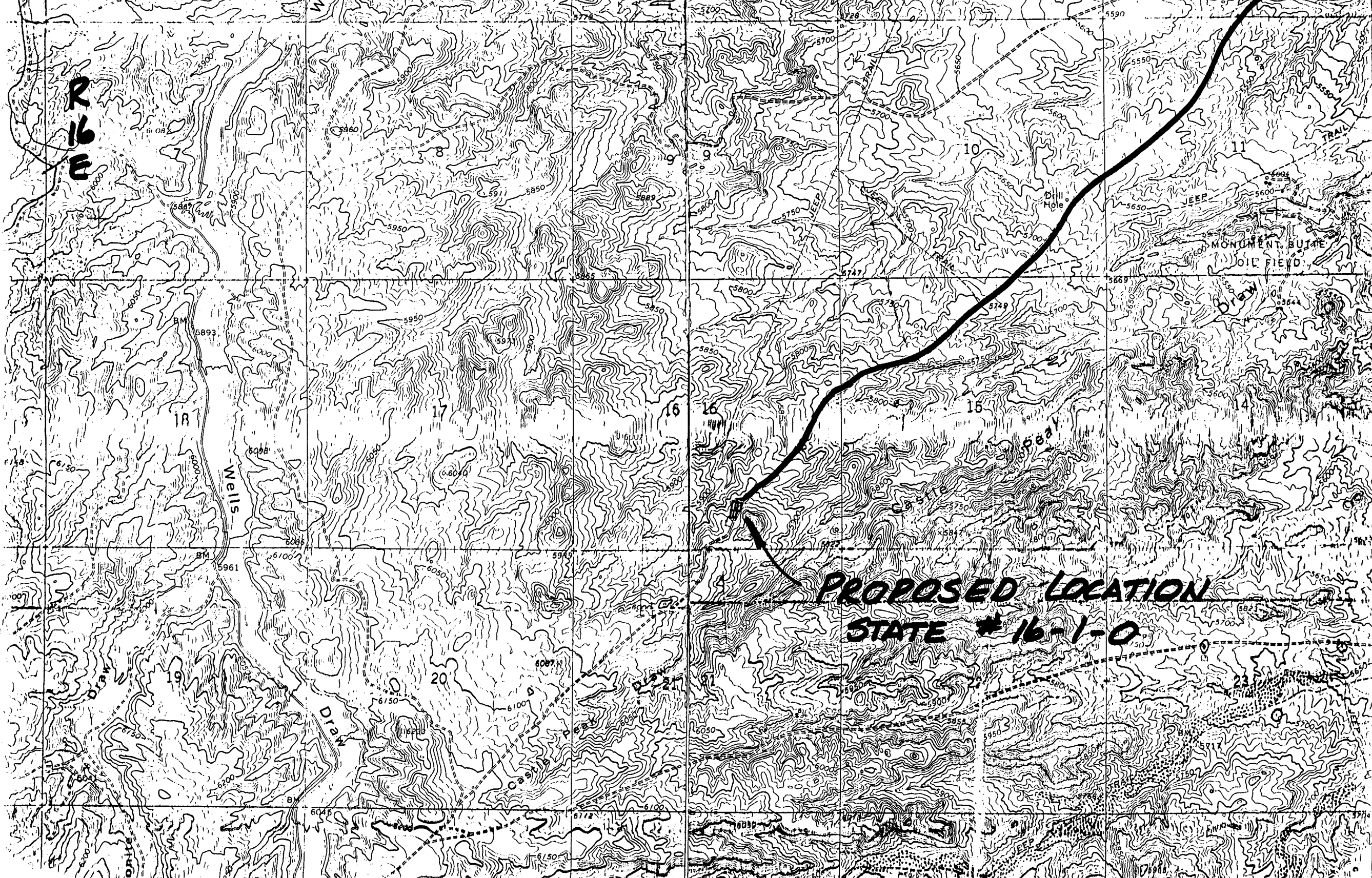
T8S
T9S

UTAH 216
6.3 MI.
MYTON UT.
20 MILES



**R
16
E**

**PROPOSED LOCATION
STATE # 16-1-0**



OPERATOR Alta Energy Corp. DATE 11-6-84
WELL NAME State #16-1-0
SEC SWSE 16 T 9S R 16E COUNTY Dachuan

43-013-31022
API NUMBER

State
TYPE OF LEASE

CHECK OFF:

☒

PLAT

☒

BOND

☒

NEAREST WELL

☒

LEASE

☒

FIELD

☐

POTASH OR
OIL SHALE

PROCESSING COMMENTS:

No other wells within 1000'
Need water permit

APPROVAL LETTER:

SPACING:

☐

A-3

UNIT

☐

C-3-a

CAUSE NO. & DATE

☒

C-3-b

☐

C-3-c

STIPULATIONS:

1 - Water
2 - History



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dianne R. Nielson, Ph.D., Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

November 8, 1984

Alta Energy Corporation
Drawer 777
Vernal, Utah 84078

Gentlemen:

Re: Well No. State #16-1-0 - SW SE Sec. 16, T. 9S, R. 16E
755' FSL, 2110' FEL - Duchesne County, Utah

Approval to drill the above referenced oil well is hereby granted in accordance with Rule C-3 (b), General Rules and Regulations and Rules of Practice and Procedure, subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water.
2. Prior to any ground-disturbing activity on state lands or lands owned or controlled by the state or its subdivisions, a cultural resource clearance report must be filed with and approved by the Division of State History, phone (801) 533-4563. A list of acceptable archeological contractors is available from the Division of State History.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
3. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 533-5771, (Home) 298-7695 or R. J. Firth, Associate Director, (Home) 571-6068.

Page 2
Alta Energy Corporation
Well #16-1-0 State
November 8, 1984

4. Compliance with the requirements and regulations of Rule C-27, Associated Gas Flaring, General Rules and Regulations, Oil and Gas Conservation.
5. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-013-31022.

Sincerely,

A handwritten signature in dark ink, appearing to read "R. J. Firth", is written over the typed name.

R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: State Lands
Branch of Fluid Minerals

DIVISION OF OIL, GAS AND MINING

*History
approved by
L. Hendry
2/4/85*

SPUDDING INFORMATION

API #43-013-31022

NAME OF COMPANY: ALTA ENERGY CORPORATIONWELL NAME: STATE #16-1-0SECTION SW SE 16 TOWNSHIP 9S RANGE 16E COUNTY DuchesneDRILLING CONTRACTOR ShelbyRIG # 11SPUDDED: DATE 1-26-85TIME 8:15 PMHow Rotary

DRILLING WILL COMMENCE _____

REPORTED BY Earl StaleyTELEPHONE # 789-5390DATE 1-28-85 SIGNED SB

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

RECEIVED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input checked="" type="checkbox"/>	GAS WELL <input type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>
		DIFF. RESVR. <input type="checkbox"/>	Other <input type="checkbox"/>		
2. NAME OF OPERATOR Alta Energy Corporation (Texas Domestic) dba/ Alte Corp.					
3. ADDRESS OF OPERATOR 500 N. Loraine, Suite 900, Midland, TX 79701					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2110 FEL, 755 FSL At top prod. interval reported below Same At total depth Same					
14. PERMIT NO.		DATE ISSUED			
43-013-31022		11/8/84			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
1/4/85		2/3/85		3/23/85	
18. ELEVATIONS (DF, RKB, ET, GR, ETC.)*		19. ELEV. CASINGHEAD			
5927 GL		5941			
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
5650'		5575'		n/a	
23. INTERVALS DRILLED BY					24. ROTARY TOOLS
→					X
25. WAS DIRECTIONAL SURVEY MADE					No
26. TYPE ELECTRIC AND OTHER LOGS RUN CDCN, Gamma Ray, Dual Laterolog, Laserlog					27. WAS WELL CORRED. No
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	250'	12-1/4"	250 sxs Class "G"	--
5-1/2"	15.5#	5646'	7-7/8"	275 sxs "Hi-Lift" & 485 sxs Class "G"	--
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
n/a					
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2-3/8"	5536'	--			
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
5530-48' - 4 SPF .38"			DEPTH INTERVAL (MD)		
5060-78' - 4 SPF .38"			AMOUNT AND KIND OF MATERIAL USED		
4722-44' - 4 SPF .38" 88 Holes			5530-48' 80,000# 20/40 sand + 761 bbls 40# gelled water.		
			5060-78' 40# gel, 50,000# 20/40 sand		
			4722-44' 50,000# 20/40 sand + 481 bbls 40# gelled water.		
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
3/24/85		Pumping			Producing
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
3/29/85	24	2"	→	90	90
FLOW. TUBING PRES.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
--	40#	→	90	90	--
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
Vented excess, running pump, heater & tanks off casinghead gas.					Earl Staley
35. LIST OF ATTACHMENTS Logs sent directly to Div. of O, G&M from logging company.					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>Kim C. Wilkinson</u>		TITLE <u>Production Secretary</u>		DATE <u>April 4, 1985</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP
					MEAS. DEPTH
					TRUE VERT. DEPTH
Uinta Green River	Surface 2640				

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
355 West North Temple, 3 Triad, Suite 350, Salt Lake City, UT 84180-1203

Page 1 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

JOANN BUTZEN
ALTA ENERGY CORP
410 17TH ST STE 430
DENVER CO 80202

UTAH ACCOUNT NUMBER: N9540REPORT PERIOD (MONTH/YEAR): 5 / 94AMENDED REPORT ☐ (Highlight Changes)

Well Name API Number Entity Location	Producing Zone	Well Status	Days Oper	Production Volumes		
				OIL(BBL)	GAS(MCF)	WATER(BBL)
✓ CASTLE PK ST 33-16 4301330640 00440 09S 16E 16	GRRV			ML-16532		
✓ CASTLE PK ST 32-16 4301330650 00445 09S 16E 16	GRRV			"		
✓ HORSESHOE BEND #4 4304715802 01315 07S 21E 3	GRRV			U-0142175		
✓ FEDERAL #21-1-P 4304731647 01316 06S 21E 21	SEGE UNTA			U-30289	(U780149-860701)	
UTAH FEDERAL "D" #4 4304731215 09297 07S 24E 14	GRRV	TA		SL-065819	Nephi City (separate Chg)	
✓ STIRRUP #32-1-J 4304731646 09614 06S 21E 32	GRRV			ML-40226		
✓ FEDERAL 33-1-I 4304731468 09615 06S 21E 33	GRRV			U-28212		
✓ FEDERAL #33-2-B 4304731621 09616 06S 21E 33	GRRV			U-28212 ✓		
✓ HORSESHOE BEND 36-1-P 4304731482 09815 06S 21E 36	UNTA			ML-33225		
STATE 2-1-E 4304731553 10195 07S 21E 2	UNTA			ML-38354	(6/94 Alta kept this well)	
✓ FEDERAL #4-1-D 4304731693 10196 07S 21E 4	NWNA GRRV			U-42469 ✓	(U7U68634)	
✓ STATE 16-2-N 4301331094 10199 09S 16E 16	GRRV			ML-16532		
✓ STATE 16-1-O 4301331022 10200 09S 16E 16	GRRV			ML-16532		
TOTALS						

COMMENTS: _____

I hereby certify that this report is true and complete to the best of my knowledge.

Date: _____

Name and Signature: _____

Telephone Number: _____



ENERGY CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone: 405/235-3611
FAX 405/552-4550

June 14, 1994

State of Utah
Division of Oil, Gas & Mining
Dept. of Natural Resources & Energy
355 West North Temple
3 Triad Center, #350
Salt Lake City, UT 84180-1203

Gentlemen:

Effective May 18, 1994, Alta Energy Corporation, a Delaware Corporation, merged into Devon Energy Operating Corporation ("DEOC"), an Oklahoma corporation, as evidenced by the attached Merger Certificate. Enclosed is Bond No. 30S100753026-30 in the amount of \$80,000 to cover operations under the following wells:

Duchesne County

- ✓ Castle Peak 33-16, Sec. 16-9S-16E
- ✓ Castle Peak St. 32-16, Sec. 16-9S-16E
- ✓ State 16-1-0, Sec. 16-9S-16E
- ✓ State 16-2-N, Sec. 16-9S-16E
- ✓ Federal 15-1-B, Sec. 15-9S-17E

Uintah County

- ✓ Anna Belle 31-2-J, Sec. 31-6S-21E
- ✓ Cotton Club 31-1-A, Sec. 31-6S-21E
- ✓ Federal 33-1-1, Sec. 33-6S-21E
- ✓ Federal 33-4-D, Sec. 33-6S-21E
- ✓ Federal 34-2-K, Sec. 34-6S-21E
- ✓ Federal 4-2-F, Sec. 4-7S-21E

JUN 20 1994

June 14, 1994
State of Utah

Uintah County (cont'd)

- ✓Stirrup 32-1J, Sec. 32-6S-21E
- ✓Federal 36-1-P, Sec. 36-6S-21E
- ✓LCK 30-1-H, Sec. 30-6S-21E
- ✓Federal 21-1-P, Sec. 21-6S-21E

Change of Operator forms are being prepared and should be received in your office in the near future. Should you require further information, please advise.

Very truly yours,



Charlene Newkirk
Lease & Contract Records Supervisor

Attachment

OFFICE OF THE SECRETARY OF STATE



MERGER CERTIFICATE

I, the undersigned Secretary of State of the State of Oklahoma, do hereby certify that I am by the laws of said State the custodian of the records of the State of Oklahoma relating to the right of corporations to transact business in this State, and am the proper officer to execute this certificate.

I FURTHER CERTIFY that Certificate of Merger was filed in this office on the 18th day of May, 1994, by and between the following corporations:

ALTA ENERGY CORPORATION
Delaware Corporation

merged into

DEVON ENERGY OPERATING CORPORATION
Oklahoma
survivor

I FURTHER CERTIFY that DEVON ENERGY OPERATING CORPORATION, has paid the fees due this office and is a corporation in good standing according to our records of the date of this certificate.

IN TESTIMONY WHEREOF, I hereunto set my hand and affixed the Great Seal of the State of Oklahoma.



Done at the City of Oklahoma City this 2nd day of June, A.D. 1994.

Geo. Henley
Secretary of State

By: *Kary Jones*

JUN 20 1994

Form DOG-1-2

Bond No. 305100753026-30

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

*940623 Returned.
(see phone doc.)

BOND

KNOW ALL MEN BY THESE PRESENTS:

That DEVON ENERGY OPERATING CORPORATION,
principal office at 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102,
in the County of Oklahoma, in the State of Oklahoma,
as Principal and THE AETNA CASUALTY AND SURETY COMPANY

as Surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bound principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

BLANKET BOND

NOW THEREFORE, if the above bound principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of EIGHTY THOUSAND AND NO/100----- (\$ 80,000.00----)

Witness our hand and seal, this 17th day of May, 1994

DEVON ENERGY OPERATING CORPORATION

J. M. Lacey
J. M. Lacey, Vice-President Principal

Witness our hand and seal, this 17th day of May, 1994

THE AETNA CASUALTY AND SURETY COMPANY

By: Patsy A. Payne
Patsy A. Payne Surety Attorney-in-Fact

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)

POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, THAT THE AETNA CASUALTY AND SURETY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, hath made, constituted and appointed, and does by these presents make, constitute and appoint **Dwight Journey, Gary Liles, Sharla Rhea Ramsey, or Patsy A. Payne - -**

of **Oklahoma City, Oklahoma**, its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, or, if the following line be filled in, within the area there designated, the following instrument(s):
by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any and all consents incidents thereto not exceeding the sum of **FIVE MILLION (\$5,000,000.00) DOLLARS -**

and to bind THE AETNA CASUALTY AND SURETY COMPANY, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of THE AETNA CASUALTY AND SURETY COMPANY, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Company which Resolutions are now in full force and effect:

VOTED: That each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, may from time to time appoint Resident Vice Presidents, Resident Assistant Secretaries, Attorneys-in-Fact, and Agents to act for and on behalf of the Company and may give any such appointee such authority as his certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors may at any time remove any such appointee and revoke the power and authority given him.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the Chairman, the Vice Chairman, the President, an Executive Vice President, a Senior Vice President, a Vice President, an Assistant Vice President or by a Resident Vice President, pursuant to the power prescribed in the certificate of authority of such Resident Vice President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Board of Directors of THE AETNA CASUALTY AND SURETY COMPANY which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, THE AETNA CASUALTY AND SURETY COMPANY has caused this instrument to be signed by its **Senior Vice President** day of **February**, 19 **91**, and its corporate seal to be hereto affixed this **18th**

State of Connecticut }
County of Hartford } ss. Hartford



THE AETNA CASUALTY AND SURETY COMPANY
By Joseph P. Kiernan
Joseph P. Kiernan
Senior Vice President

On this **18th** day of **February**, 19 **91**, before me personally came **JOSEPH P. KIERNAN** of **Senior Vice President** of **THE AETNA CASUALTY AND SURETY COMPANY**, the corporation described in and which executed the above instrument; that he/she knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf of the corporation by authority of his/her office under the Standing Resolutions thereof.

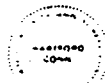


Rosalind R. Christie
Rosalind R. Christie
Notary Public
My Commission expires March 31, 19 **93**

CERTIFICATE

I, the undersigned, **Secretary** of THE AETNA CASUALTY AND SURETY COMPANY, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Board of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this **17th** day of **May**, 19 **94**



By John W. Welch
John W. Welch

devon
ENERGY CORPORATION

20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone: 405/235-3611
FAX 405/552-4550

June 29, 1994

STEIN
JL - 5/1994

State of Utah
Department of Natural Resources
Division of State Lands & Forestry
355 West North Temple
3 Triad Center, Suite 400
Salt Lake City, Utah 84180-1204

Re: Merger Notification
Alta Energy Corporation into
Devon Energy Operating Corporation
Duchesne & Uintah Cos., Utah

Gentlemen:

Effective May 18, 1994, Alta Energy Corporation, a Delaware corporation, merged into Devon Energy Operating Corporation ("DEOC"), an Oklahoma corporation, as evidenced by the attached Merger Certificate. Enclosed is Bond of Lessee No. 30S100753026-28 in the amount of \$25,000 in favor of DEOC covering the following State of Utah leases:

ML-16532	ML-40559	ML-38354-A	ML-40226
ML-43710	ML-42142	ML-21181	
ML-43711	ML-37653	ML-40002-A	
ML-43712	ML-38354	ML-43536	

After review and approval of the attached bond, please forward Acknowledgment Copy to the attention of the undersigned. Should you have any questions, please do not hesitate to contact the undersigned.

Very truly yours,

DEVON ENERGY OPERATING CORPORATION
By: Devon Energy Corporation (Nevada), Representative



Charlene Newkirk
Lease & Contract Records Supervisor

Attachments

cc: Lisha Cordova
State of Utah
Division of Oil, Gas & Mining

PHONE CONVERSATION DOCUMENTATION FORM

Route original/copy to:

☐ Well File _____☐ Suspense☒ Other

(Return Date) _____

Bond File

(Location) Sec _____ Twp _____ Rng _____

(To - Initials) _____

Oper. File

(API No.) _____

1. Date of Phone Call: 6-22-94 Time: 3:522. DOGM Employee (name) J. Cordove (Initiated Call ☒
Talked to:Name Charlene Newkirk (Initiated Call ☐ - Phone No. (405) 235-3611of (Company/Organization) Devon Energy Corp.3. Topic of Conversation: Merger "Alta Energy Corp & Devon Energy Oper. Corp."
Also, Bond No. 305100753026-30 / 80,000.
(provided for Fed., St., & Fee wells)

4. Highlights of Conversation: _____

* msg - answering Machine* 940623 - Charlene Newkirk "Devon", referred to St. Lands for bonding
wells on St. minerals & for Merger of companies, also referred to Bha/Kernal
for bonding wells on Fed. minerals & merger. She req. that DoGM return
the 80,000 bond listed above, so that they may replace w/ 40,000 (2) wells
as req. (They do not plan to drill any new wells on fee lands nor purchase
any wells on fee lands in the near future.)* Dept. of Commerce - Reg. eff. 5/94, # 160297

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

JUL 11 1994

BOND

KNOW ALL MEN BY THESE PRESENTS:

That DEVON ENERGY OPERATING CORPORATION,
principal office at 20 N. Broadway, Suite 1500, Oklahoma City, OK 73102,
in the County of Oklahoma, in the State of Oklahoma,
as Principal and THE AETNA CASUALTY AND SURETY COMPANY

as Surety, authorized to do business in this State, are held and firmly bound unto the State in the penal sum as indicated, lawful money of the United States, for which payment, will and truly be made to the State of Utah for the use and benefit of the Division of Oil, Gas and Mining, bind ourselves, and each of us, and each of our heirs, executors, administrators or successors, and assigns jointly and severally, firmly by these presents.

The conditions of this obligation is that whereas the above bound principal proposes to drill a well or wells for oil, gas or stratigraphic purposes in and upon the following described land situated within the State of Utah, to wit:

BLANKET BOND

NOW THEREFORE, if the above bound principal shall comply with all of the provisions of the laws of this State, and the rules and regulations and orders of the Division of Oil, Gas and Mining of the State, including, but not limited to the proper plugging of said well or wells, and filing with said Division of the State, all notices and records required by said office, then this obligation is void; otherwise, the same shall be and remain in full force and effect.

Penal Sum of FORTY THOUSAND AND NO/100----- (\$ 40,000.00)

Witness our hand and seal, this 17th day of May, 1994

Attest:

DEVON ENERGY OPERATING CORPORATION

Steve Cromwell

STEVE CROMWELL
Assistant Secretary

J. M. Lacey

J. M. Lacey, Vice-President ~~Principal~~

Witness our hand and seal, this 17th day of May, 1994

THE AETNA CASUALTY AND SURETY COMPANY

By: Patsy A. Payne

Patsy A. Payne

Surety Attorney-in-Fact

Approved as to form and execution:
ATTORNEY GENERAL

By: _____

Date: _____

(If the principal is a corporation, the bond should be executed by its duly authorized officers, with the seal of the corporation affixed. When principal or surety executes this bond by agent, power of attorney or other, evidence of authority must accompany this bond.)



POWER OF ATTORNEY AND CERTIFICATE OF AUTHORITY OF ATTORNEY(S)-IN-FACT

KNOW ALL MEN BY THESE PRESENTS, THAT THE AETNA CASUALTY AND SURETY COMPANY, a corporation duly organized under the laws of the State of Connecticut, and having its principal office in the City of Hartford, County of Hartford, State of Connecticut, hath made, constituted and appointed, and does by these presents make, constitute and appoint **Dwight Journey, Gary Liles, Sharla Rhea Ramsey, or Patsy A. Payne** - -

of **Oklahoma City, Oklahoma**, its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred to sign, execute and acknowledge, at any place within the United States, or, if the following line be filled in, within the area there designated, the following instrument(s):
by his/her sole signature and act, any and all bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any and all consents incidents thereto **not exceeding the sum of FIVE MILLION (\$5,000,000.00) DOLLARS** -

and to bind THE AETNA CASUALTY AND SURETY COMPANY, thereby as fully and to the same extent as if the same were signed by the duly authorized officers of THE AETNA CASUALTY AND SURETY COMPANY, and all the acts of said Attorney(s)-in-Fact, pursuant to the authority herein given, are hereby ratified and confirmed.

This appointment is made under and by authority of the following Standing Resolutions of said Company which Resolutions are now in full force and effect:

VOTED: That each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, may from time to time appoint Resident Vice Presidents, Resident Assistant Secretaries, Attorneys-in-Fact, and Agents to act for and on behalf of the Company and may give any such appointee such authority as his certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors may at any time remove any such appointee and revoke the power and authority given him.

VOTED: That any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the Chairman, the Vice Chairman, the President, an Executive Vice President, a Senior Vice President, a Vice President, an Assistant Vice President or by a Resident Vice President, pursuant to the power prescribed in the certificate of authority of such Resident Vice President, and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary or by a Resident Assistant Secretary, pursuant to the power prescribed in the certificate of authority of such Resident Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact pursuant to the power prescribed in his or their certificate or certificates of authority.

This Power of Attorney and Certificate of Authority is signed and sealed by facsimile under and by authority of the following Standing Resolution voted by the Board of Directors of THE AETNA CASUALTY AND SURETY COMPANY which Resolution is now in full force and effect:

VOTED: That the signature of each of the following officers: Chairman, Vice Chairman, President, Any Executive Vice President, Any Senior Vice President, Any Vice President, Any Assistant Vice President, Any Secretary, Any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any power of attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such power of attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, THE AETNA CASUALTY AND SURETY COMPANY has caused this instrument to be signed by its **Senior Vice President** and its corporate seal to be hereto affixed this **18th** day of **February**, 19 **91**

State of Connecticut }
County of Hartford } ss. Hartford



THE AETNA CASUALTY AND SURETY COMPANY
By Joseph P. Kiernan
Joseph P. Kiernan
Senior Vice President

On this **18th** day of **February**, 19 **91**, before me personally came **JOSEPH P. KIERNAN**,
to me known, who, being by me duly sworn, did depose and say: that he/she is **Senior Vice President** of
THE AETNA CASUALTY AND SURETY COMPANY, the corporation described in and which executed the above instrument; that he/she knows the
seal of said corporation; that the seal affixed to the said instrument is such corporate seal; and that he/she executed the said instrument on behalf
of the corporation by authority of his/her office under the Standing Resolutions thereof.



Rosalind R. Christie
My Commission expires March 31, 19 **93**
Rosalind R. Christie
Notary Public

CERTIFICATE

I, the undersigned, **Secretary** of THE AETNA CASUALTY AND SURETY COMPANY, a stock corporation of the State of Connecticut, DO HEREBY CERTIFY that the foregoing and attached Power of Attorney and Certificate of Authority remains in full force and has not been revoked; and furthermore, that the Standing Resolutions of the Board of Directors, as set forth in the Certificate of Authority, are now in force.

Signed and Sealed at the Home Office of the Company, in the City of Hartford, State of Connecticut. Dated this **17th** day of **May**, 19 **94**



By [Signature]
[Name]
[Title]



ENERGY CORPORATION

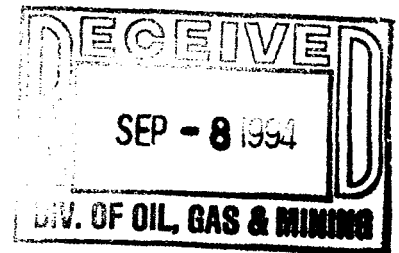
20 North Broadway, Suite 1500
Oklahoma City, Oklahoma 73102-8260

Telephone 405/235-3611
FAX 405/552-4550

September 2, 1994

Certified Mail No. Z 147 280 916

STATE OF UTAH
Department of Natural Resources
Division of State Lands and Forestry
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203



Attention: Lisha Cordova

RE: Form 9

Merger of Alta Eneyr Corporation to Devon Energy Operating Corporation

Gentlemen:

Enclosed please find Forms 9, submitted for wells in Uintah and Duchesne Counties, previously operated by Alta Energy Corporation.

Please direct inquiries concerning this matter to Tom Pepper at (405) 235-3611, X4513.

Yours truly,

DEVON ENERGY OPERATING CORPORATION

Candace R. Graham

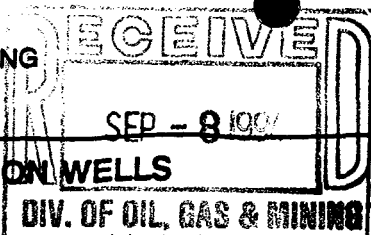
Candace R. Graham
Engineering Tech

/cg

Enclosures

copy: BLM in Salt Lake City, TP, Foreman, files

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING



SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

5. Lease Designation and Serial Number:

ML-16532

6. If Indian, Alutian or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

1. Type of Well: OIL ☒ GAS ☐ OTHER:

8. Well Name and Number:

State 16-1-0

2. Name of Operator:

Devon Energy Operating Corporation (Oper. No. N-5060)

9. API Well Number:

43-013-31022

3. Address and Telephone Number:

20 North Broadway, Ste. 1500, Oklahoma City, OK. 73102

10. Field and Pool, or Wildcat:

Castle Peak (GR)

4. Location of Well

Footage: 2110' FEL, 755' FSL

County: Duchesne

QQ, Sec., T., R., M.: Sec. 16, T9S, R16E, S.L.M. (SW SE)

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT (Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT (Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

• Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Alta Energy Corporation merged into Devon Energy Operating Corporation effective May 18, 1994.

Effective 04-30-94 for reporting and production date cut-off purposes for State and MMS.

13.

Name & Signature: Gerald T. Pepper

GERALD T. PEPPER

Title: DISTRICT ENGINEER

Date: 09-02-94

/cq

(This space for State use only)

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Routing:

1	DEC 7-PL	✓
2	LWR/8-SJ	✓
3	DTA/9-FILE	✓
4	VLC	✓
5	RJF	✓
6	LWP	✓

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 5-18-94 (MERGER))

TO (new operator) <u>DEVON ENERGY OPERATING CORP. FROM</u> (former operator) <u>ALTA ENERGY CORP.</u>
(address) <u>20 N BROADWAY STE 1500</u> (address) <u>410 17TH ST STE 430</u>
<u>OKLAHOMA CITY OK 73102-8260</u> <u>DENVER CO 80202</u>
<u>CHRIS SAMMONS</u> <u>JOANN BUTZEN</u>
phone <u>(405) 552-4732</u> phone <u>(303) 825-0714</u>
account no. <u>N 5060 (7-12-94)</u> account no. <u>N 9540</u>

*7/29/94 C/O DEVON ENERGY

Well(s) (attach additional page if needed):

Name: <u>**SEE ATTACHED**</u>	API: <u>013-31022</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- N/A 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). *(see Merger Certificate)*
- Lec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). *(Rec'd 6-26-94) (Rec'd 6-29-94)*
- Lec 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) ____ If yes, show company file number: #160297 *ch 5/94*
- Lec 4. **(For Indian and Federal Wells ONLY)** The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of **Federal and Indian** well operator changes should take place prior to completion of steps 5 through 9 below.
- Lec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. *(10-4-94)*
- LWP 6. Cardex file has been updated for each well listed above. *10-14-94*
- LWP 7. Well file labels have been updated for each well listed above. *10-14-94*
- Lec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. *(10-4-94)*
- Lec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- See 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- See 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. \$40,000 #305100753026-30 "The Aetna Casualty and Surety Co." **st. leases \$25,000 #305100753026-28 (Bond Incr. in Progress)*
2. A copy of this form has been placed in the new and former operators' bond files. **Upon compl. of routing.*
- See 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Aug. 19, 1994. If yes, division response was made by letter dated Oct. 5, 1994. (See Bond File)

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- See 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated _____ 19____, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases. *DS 1077-94 No State Wells Highlighted*

FILMING

- See 1. All attachments to this form have been microfilmed. Date: October 24, 1994.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

941004 Btm/S.Y. Appr. 8-30-94.

SENT BY:

4052364258

2-27-95 : 3:38PM :

DEVON ENERGY-

801 359 3940:# 3/ 4

STATE OF UTAH

DIVISION OF OIL, GAS AND MINING

355 West North Temple, 3 Floor, Suite 350, Salt Lake City, UT 84103-1203

Page 2 of 2

MONTHLY OIL AND GAS PRODUCTION REPORT

OPERATOR NAME AND ADDRESS:

CHRIS SAMMONS
DEVON ENERGY OPER CORP
20 N BROADWAY STE 1500
OKLAHOMA CITY OK 73102-8260

UTAH ACCOUNT NUMBER: N5060

REPORT PERIOD (MONTH/YEAR): 10/ 94

AMENDED REPORT ☐ (Highlight Changes)

Well Name	PI Number	Entity	Location	Producing Zone	Well Status	Days Oper	Production Volumes		
							OIL(BBL)	GAS(MCF)	WATER(BBL)
CASTLE PK ST 33-16	4301330640	00440	09S 16E 16	✓ GRRV	POW	31	127	1383	0
CASTLE PK ST 32-16	4301330650	00445	09S 16E 16	✓ GRRV	POW	1	0	111	8
HORSESHOE BEND #4 <i>Separate Chg.</i>	4304715802	01315	07S 21E 3	GRRV	TA	0	0	0	0
FEDERAL #21-1-P <i>Separate Chg.</i>	4304731647	01316	06S 21E 21	UNTA	PGW	31	0	3430	210
STIRRUP #32-1-J	4304731646	09614	06S 21E 32	✓ GRRV	POW	31	218	899	128
FEDERAL 33-1-1	4304731468	09615	06S 21E 33	GRRV	POW	31	277	599	116
FEDERAL #33-2-B	4304731621	09616	06S 21E 33	GRRV	POW	25	56	100	37
HORSESHOE BEND 36-1-P	4304731482	09815	06S 21E 36	✓ UNTA	PGW	31	0	951	175
FEDERAL #4-1-0 <i>Separate Chg.</i>	4304731693	10196	07S 21E 24	GRRV	POW	31	230	724	128
STATE 16-2-N	4301331094	10199	09S 16E 16	✓ GRRV	POW	31	226	248	0
STATE 16-1-0	4301331022	10200	09S 16E 16	✓ GRRV	POW	31	120	528	0
FEDERAL 15-1-B	4301331023	10201	09S 17E 15	GRRV	TA	0	0	0	0
E.E.K. 30-1-H <i>Separate Chg.</i>	4304731588	10202	06S 21E 30	GRRV	POW	30	221	60	37
TOTALS							1475	9033	839

REMARKS:

I hereby certify that this report is true and complete to the best of my knowledge.

Date: 12-14-94

Signature: Gary L. McGee

Gary L. McGee

GASD 552 4727

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells, or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well: ☒ OIL ☐ GAS ☐ OTHER:

2. Name of Operator:

Snyder Oil Corporation

3. Address and Telephone Number:

1625 Broadway, Suite 2200, Denver, CO 80202 (303) 592-8500

4. Location of Well

Footages: 2110' FEL & 755' FSL

Q.C. Sec., T., R., M.: SW/4SE/4 Section 16, T9S, R16E, S.L.M.

5. Lease Designation and Serial Number:

MT-16532

6. If Indian, Allottee or Tribe Name:

N/A

7. Unit Agreement Name:

N/A

8. Well Name and Number:

State 16-1-o

9. API Well Number:

43-013-31022

10. Field and Pool, or Wildcat:

Castle Peak (GR)

County: Duchesne

State: Utah

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other _____ | |

Approximate date work will start _____

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|---|---|
| <input type="checkbox"/> Abandon * | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other <u>Change of Operator</u> | |

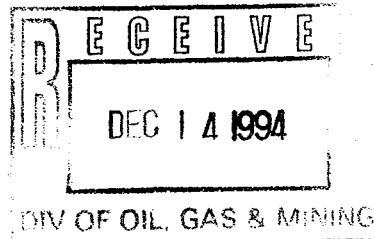
Date of work completion _____

Report results of Multiple Completions and Recompletions to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form.

* Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Snyder Oil Corporation acquired Devon Energy Operating Corporation's interest effective 10/28/94.



13.

Name & Signature: Steven G. Van Hook

Title:

Steven G. Van Hook
Attorney-in-Fact

Date:

10/28/94

(This space for State use only)

RELINQUISHMENT OF STATE OF UTAH OIL, GAS, AND HYDROCARBON LEASE ML 43081

Union Oil Company of California, lessee, has submitted a letter of relinquishment of the above-numbered lease. This lease should be terminated and the relinquished lands then offered for lease by the Agency's Simultaneous Offering procedure.

<u>Lease No.</u>	<u>Description</u>	<u>County/Acres</u>
ML 43081	<u>T37S, R25E, SLB&M.</u> Sec. 2: All	San Juan 633.08 acres

Upon recommendation of Mr. Bonner, the Director approved the relinquishment of the above-numbered lease.

ACCEPTANCE OF RIDER; STATEWIDE BOND OF LESSEE NO. 582488

On July 29, 1991, the Director accepted a State of Utah Statewide Bond of Lessee from Snyder Oil Corporation in the amount of \$25,000, Bond No. 582488, to cover their oil and gas exploration and development operations on Trust lands. The surety is Gulf Insurance Company.

Snyder Oil Corporation has submitted a rider dated September 30, 1994, to the above-listed bond. This rider changes the amount of this bond from \$25,000 to \$80,000.

Upon recommendation of Mr. Bonner, the Director accepted the rider to Bond No. 582488 as described above.

REQUEST FOR APPROVAL OF THE HORSESHOE BEND COMMUNITIZATION AGREEMENT NO. 12 (UT080P49-86C689) FOR THE E½NE¼ SECTION 30, T6S, R21E, SLB&M.

Devon Energy Corporation, operator of the drilling unit comprising the E½NE¼ Section 30, T6S, R21E, SLB&M., has submitted a request for approval of a communitization agreement covering this acreage. This agreement correctly shows the interest of the State of Utah and should be approved retroactively on February 1, 1985. The agreement contains 80.00 acres, of which 11.97 acres or 14.96 percent are Trust lands.

The following is the only State of Utah lease in this agreement:

ML 40226 Calais Resources Inc. et al

This lease has been committed to the agreement.

Upon recommendation of Mr. Bonner, the Director approved the above captioned communitization agreement.

* * * * *

DEVON ENERGY CORPORATION (NEVADA) FACSIMILE TRANSMISSION
20 NORTH BROADWAY, SUITE 1500 Xerox 7033 (405) 552-4550
OKLAHOMA CITY, OK 73102-8260 Monroe MX-3600 (405) 552-4552
OFFICE (405) 235-3611

DATE:

2-27-95

TO:

Lisha Condova

COMPANY:

Devon Energy Operating Corporation

TELECOPIER #:

801-359-3940

OFFICE #:

801-538-5340

FROM:

Christopher Sammons

DEVON ENERGY CORPORATION (NEVADA)

NUMBER OF PAGES FOLLOWING:

3

TRANSMISSION COMPLETED:

DEVON
ENERGY OPERATING
CORPORATION

20 NORTH BROADWAY, SUITE 1500
OKLAHOMA CITY, OKLAHOMA 73102

405/235-3611
FAX: 405/552-4550

February 27, 1995

State of Utah
Division of Oil, Gas and Mining
355 West North Temple
3 Triad, Suite 350
Salt Lake City, UT 84180-1203

Attn: Lisha Cordova

Re: Change of Operator

Dear Lisha:

All wells formerly operated by Devon Energy Operating Corporation #N5060 was sold to :


Snyder Oil Corporation
1625 Broadway, Suite 2200
Denver, CO 80202

Devon Energy Operating Corporation operated till November 1, 1994. Attached is the Monthly Oil and Gas Production Report that reflects all the wells, well numbers, API codes and locations.

If you need anything further, please let me know. My direct phone number is 405-552-4732.

Sincerely,

DEVON ENERGY OPERATING CORP.


Christell O. Sammons
Production Coordinator

enc.

Speed Letter®

To Ed Bonner

From Don Staley

~~State Lands~~

SCHOOL & INSTITUTIONAL
TRUST LANDS ADMIN.

Oil, Gas and Mining

Subject Operator Change

— No. 9 & 10 FOLD
MESSAGE

Date 3-1 19 75

Ed,

For your information, attached are copies of documents regarding an operator change on a state lease(s). These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by State Lands ASAP.

Former Operator: Devon Energy Oper. Corp. (N 5060)

New Operator : Snyder Oil Corp (N 1305)

Well:

API:

Entity:

S-T-R:

See Attached (Highlighted)

— No. 9 FOLD

— No. 10 FOLD

CC: Operator File

Signed

Don Staley

REPLY

Date _____ 19 _____

— No. 9 & 10 FOLD

Signed

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.
 Initial each listed item when completed. Write N/A if item is not applicable.

Routing:

1-DEC
2-LWP/7-PL
3-DT/8-SJ
4-VLC/9-FLE
5-RJF
6-LWP

- ☒ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 11-1-94)

TO (new operator) **SNYDER OIL CORPORATION**
 (address) **PO BOX 129**
BAGGS WY 82321
 phone (307) 383-2800
 account no. N1305

FROM (former operator) **DEVON ENERGY OPER CORP**
 (address) **20 N BROADWAY STE 1500**
OKLAHOMA CITY OK 73102-8260
CHRIS SAMMONS
 phone (405) 552-4732
 account no. N5060

Well(s) (attach additional page if needed):

Name: **SEE ATTACHED**	API: <u>013-31022</u>	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

OPERATOR CHANGE DOCUMENTATION

- Rec 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Reg. 12-20-94) (Reg. 1-20-95) (Reg. 2-27-95) (Rec'd 2-27-95)
- Rec 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 12-14-94)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) _____ If yes, show company file number: _____
- Rec 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- Rec 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (2-28-95)
- Sup 6. Cardex file has been updated for each well listed above. 2-1-95
- Sup 7. Well file labels have been updated for each well listed above. 2-1-95
- Rec 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (2-28-95)
- Rec 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- Yes 1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
- N/A 2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

BOND VERIFICATION (Fee wells only)

- Yes 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond. ** Trust Lands/Surety # 582488/80,000*
2. A copy of this form has been placed in the new and former operators' bond files. ** Upon compl. of routing.*
- Yes 3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Feb. 27, 1995. If yes, division response was made by letter dated 19 .

LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated 19 , of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- Yes 2. Copies of documents have been sent to State Lands for changes involving State leases. *3/1/95 to Ed Bonham*

FILMING

1. All attachments to this form have been microfilmed. Date: March 6 1995.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

COMMENTS

950227 B/m/Vernal Apr. 2-2-95. (* Other wells on separate change)



Snyder Oil Corporation

P.O. Box 695
Vernal, Utah 84078
801/789-0323

February 29, 1996

Utah State Division of Oil Gas & Mining
3 Triad Center, Suite #350
355 W. North Temple
Salt Lake City, UT 84180-1203

MAR - 1 1996

RE: Site Security Diagrams

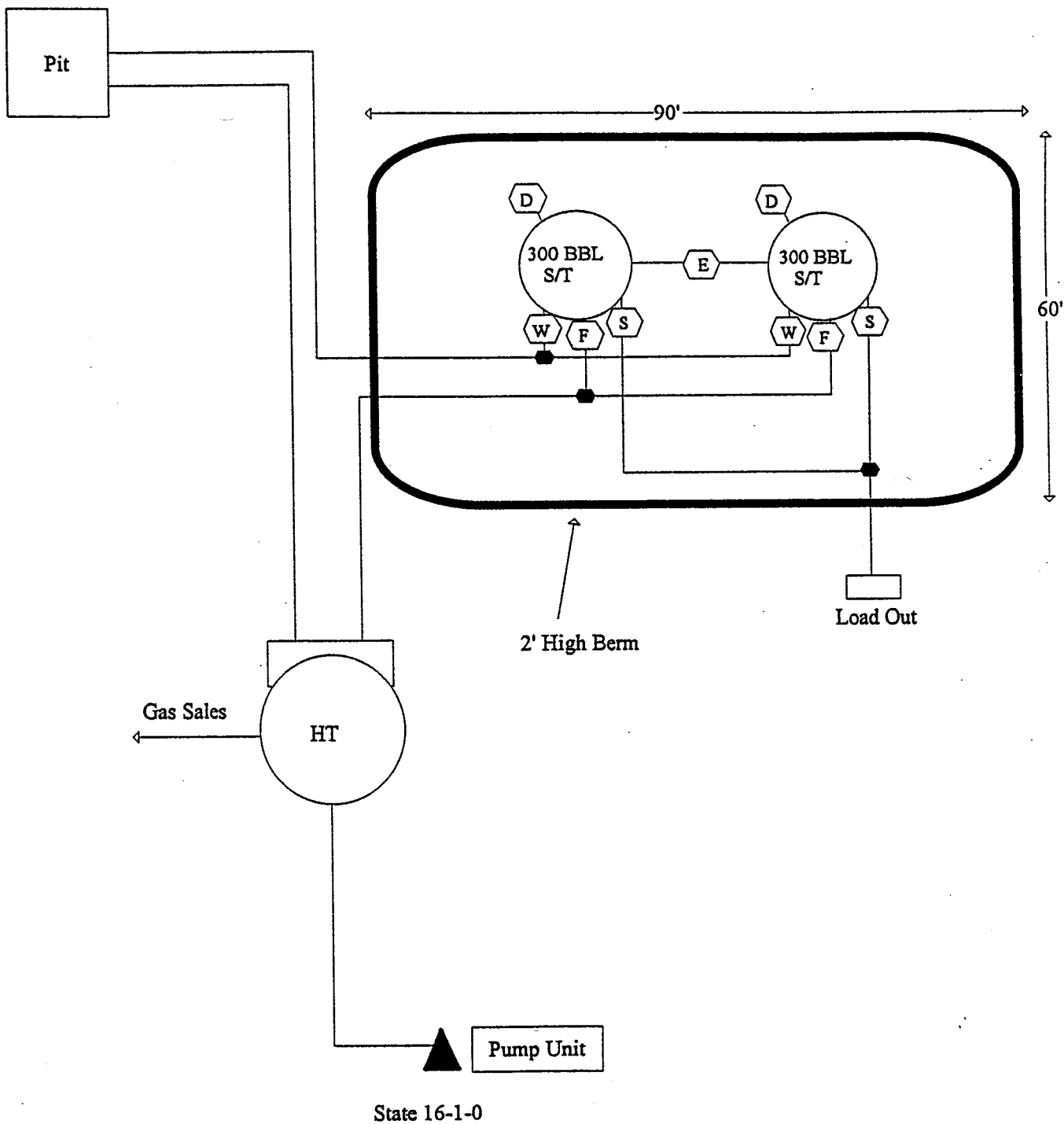
Gentlemen:

Enclosed are copies of Site Security Diagrams for wells operated by Snyder Oil Corporation. We will send you copies of the rest of the diagrams when we receive them from Buys and Associates. If you have any questions, please contact me at 801-789-0323.

Sincerely,

A handwritten signature in cursive script that reads "Lucy Nemec".

Lucy Nemec
Senior Clerk



SITE SECURITY PLAN LOCATED AT:

SNYDER OIL CORPORATION
P.O. BOX 695
VERNAL, UT 84078

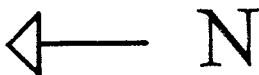
42-013-31022

Snyder Oil Corporation

State 16-1-0
SEC 16 T9S R16E
Duchesne County, UT
Lease # ML-16532

Prepared By: JT 8/16/95
Revised By: KR 1/18/96

BUYS & ASSOCIATES, INC.
Environmental Consultants



SNYDER OIL CORPORATION

VALVING DETAIL

(Site Security Diagram Attachment)

Position of Valves and Use of Seals for Tanks in Production Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Open	No
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed	Yes

Position of Valves and Use of Seals for the Tank in Sales Phase

Valve	Line Purpose	Position	Seal Installed
E	Overflow/Equalizer	Closed	Yes
F	Fill	Closed	Yes
W	Water	Closed	Yes
D	Drain	Closed	Yes
S	Sales	Closed*	Yes

*The sales line will be opened by the purchaser at the time of sale. Until that time the sales line will remain closed and sealed.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

1. **SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

OIL
WELL ☒

GAS
WELL ☐

OTHER

2. NAME OF OPERATOR
SNYDER OIL CORPORATION

3. ADDRESS OF OPERATOR
P.O. Box 695, Vernal, UT 84078 801-789-0323

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2110' FEL 755' FSL SW/SE

14. API NUMBER
43-013-31022

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5927' GL

5. LEASE DESIGNATION AND SERIAL NO.
ML-16532

6. IF INDIAN, ALLOTTEE OR TRIBAL NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
State

9. WELL NO.
16-1-0

10. FIELD AND POOL, OR WILDCAT

Castle Peak

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 16, T9S, R16E

12. COUNTY OR PARISH
Duchesne

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☒
(OTHER) ☐ Dispose of prod. wtr ☐

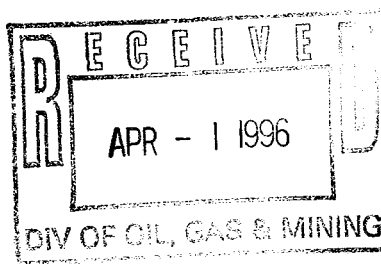
SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☐
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(OTHER) ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Snyder Oil Corporation requests approval to change from a quarterly calibration schedule to a biannual calibration schedule for the above referenced well. This well makes less than 100 MCF/day.



18. I hereby certify that the foregoing is true and correct

SIGNED *Lucy Nemer*

TITLE Senior Clerk

DATE: MARCH 27, 1996

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR SNYDER OIL CORPORATION		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME	
3. ADDRESS OF OPERATOR P.O. Box 695, Vernal, UT 84078 801-789-0323		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME See below	
14. API NUMBER		9. WELL NO.	
15. ELEVATIONS (Show whether DF, RT, GR, etc.)		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
		12. COUNTY OR PARISH	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Backfill evaporation pits</u>	<input type="checkbox"/>
(OTHER) <input type="checkbox"/>	Dispose of prod. wtr <input checked="" type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

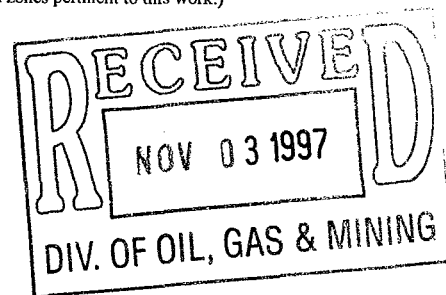
Snyder Oil Corporation reports the following evaporation pits were closed as follows:

1. Remove all liquids from the pit.
2. Contact the State office for an inspection of the pit and approval to backfill.
3. Backfill the pit.

Snyder Oil also requests approval to permanently dispose of produced water from the referenced wells, by tanking and then trucking it to Murray Disposal pit located in Section 12, T5S, R19E in LaPoint.

Locations

Stirrup 32-1-J	4304731646	S32-T6S-R21E	ML-40226
Castle Peal 32-16	4301330650	S16-T9S-R16E	ML-16532
Castle Peak 33-16	4301330640	S16-T9S-R16E	ML-16532
State 14-16	4304731417	S16-T7S-R21E	ML-40904
L.C.K. 30-1-H	4304731588	S30-T6S-R21E	080P4986C-689
State 16-1-O	4301331022	S16-T9S-R16E	ML-16532
Parietta Draw 28-44	4304731408	S28-T4S-R1E	FEE



**Accepted by the State
of Utah Division of
Oil, Gas and Mining**

Date: 11-4-97
By: [Signature]

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Senior Clerk DATE 10/24/97

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Snyder Oil Corporation
Southern Region

1200 Smith, Suite 3300
Houston, Texas 77002
713-646-6600

June 7, 1999

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

RE: \$80,000 Surety Blanket P & A Bond #5736975

Dear Sir or Madam:

Santa Fe Snyder Corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

As this merger causes "Snyder" to cease to exist and their activities are covered by bond #JZ7777, please release bond # 5736975 and return it to the sender.

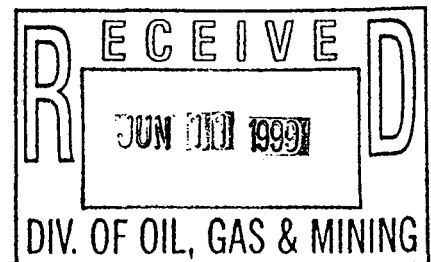
Thank you for your assistance in this matter.

Very truly yours,

A handwritten signature in black ink, appearing to read "Phillip W. Bode".

Phillip W. Bode

Enclosure



Santa Fe Energy Resources, Inc.

June 7, 1999

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

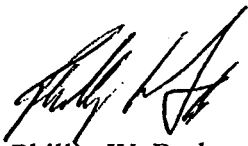
RE: \$80,000 Surety Blanket P & A Bond #JZ7777

Dear Sir or Madam:

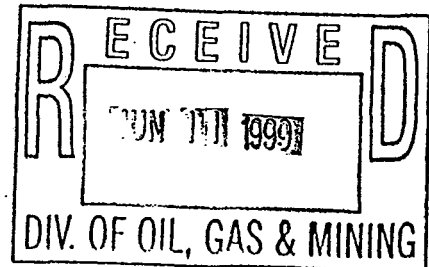
Enclosed is the above bond for Santa Fe Snyder Corporation. This corporation was formed when Snyder Oil Corporation was merged into Santa Fe Energy Resources, Inc. on May 5, 1999. Copies of the approved merger, issued by the Delaware Secretary of State, are enclosed for your files.

Thank you for your assistance in this matter.

Very truly yours,



Phillip W. Bode



Enclosure

Santa Fe Snyder Corporation

July 2, 1999

Utah Division of Oil, Gas & Mining
1594 W. North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attn.: Ms. Kristen Risbeck

RE: Company Merger
Surety Bond Number - JZ 7777
Operator Number - N2000

Dear Ms. Risbeck:

Snyder Oil Corporation (SOCO) and Santa Fe Energy Resources, Inc. (Santa Fe) have merged to form Santa Fe Snyder Corporation (SFS). The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, SFS requests that June 1, 1999 be used as the effective date of merger.

Please change all operated facilities, Applications to Drill (approved and in process) and any other regulatory filings from Snyder Oil Corporation to Santa Fe Snyder Corporation. Attached is the following information in support of this request.

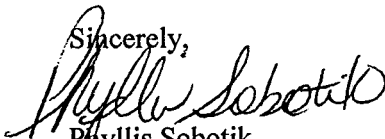
Copy of Merger Certificate
Copy of the Office of the Secretary of State's Acceptance
Sundry Notices for Properties Located on Fee or State Land
Sundry Notice for Federal Properties
Spreadsheet of all Utah Facilities Operated by SOCO

All correspondence, documents, notifications, etc. should continue to be sent to SFS at the following address

1625 Broadway, Suite 2200
Denver, CO 80202

Please inform SFS when this request has been accepted and the changes are finalized. If any questions arise or additional information is required, please contact me at 303-592-8668.

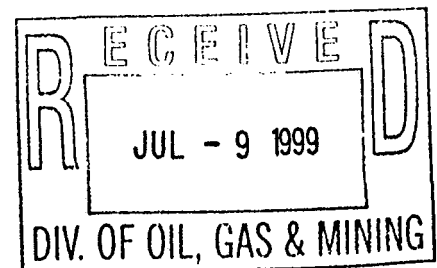
Sincerely,


Phyllis Sobotik
Sr. Regulatory Specialist

/ps

Enclosures:

1625 Broadway
Suite 2200
Denver, Colorado 80202
303/592-8500
Fax 303/592-8600



State of Delaware
Office of the Secretary of State

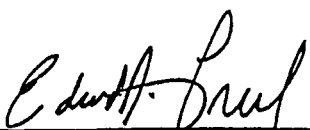
PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"SNYDER OIL CORPORATION", A DELAWARE CORPORATION,
WITH AND INTO "SANTA FE ENERGY RESOURCES, INC." UNDER THE NAME OF "SANTA FE SNYDER CORPORATION", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE FIFTH DAY OF MAY, A.D. 1999, AT 11 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.




Edward J. Freel, Secretary of State

0774411 8100M

991177495

AUTHENTICATION: 9725623

DATE: 05-05-99

CERTIFICATE OF MERGER

**Merger of Snyder Oil Corporation, a Delaware corporation
With and Into
Santa Fe Energy Resources, Inc., a Delaware corporation**

Pursuant to the provisions of Section 251 of the Delaware General Corporation Law, the undersigned certifies as follows concerning the merger (the "Merger") of Snyder Oil Corporation, a Delaware corporation, with and into Santa Fe Energy Resources, Inc., a Delaware corporation, with Santa Fe Energy Resources, Inc. as the surviving corporation (the "Surviving Corporation").

1. The Agreement and Plan of Merger, dated as of January 13, 1999 (the Agreement and Plan of Merger being hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by Snyder Oil Corporation and Santa Fe Energy Resources, Inc. in accordance with Section 251 of the Delaware General Corporation Law.

2. The Merger contemplated in the Merger Agreement and this Certificate of Merger will be effective immediately upon the filing of this Certificate of Merger

3. The name of the Surviving Corporation shall be Santa Fe Energy Resources, Inc. which shall be changed herewith to Santa Fe Snyder Corporation.

4. Article FIRST of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FIRST: The name of the corporation (hereinafter referred to as the "Corporation") is Santa Fe Snyder Corporation."

and that the first paragraph of Article FOURTH of the Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc. is amended, effective as of the date hereof, to read in its entirety as follows:

"FOURTH: The total number of shares of all classes of capital stock which the Corporation shall have authority to issue is 350,000,000, of which 50,000,000 shares shall be Preferred Stock, par value \$.01 per share, and 300,000,000 shares shall be Common Stock, par value \$.01 per share."

The Restated Certificate of Incorporation of Santa Fe Energy Resources, Inc., as amended, in effect at the effective time of the Merger shall be the certificate of incorporation of the

Surviving Corporation.

5. The executed Merger Agreement is on file at the principal place of business of the Surviving Corporation, 1616 South Voss Road, Houston, Texas 77057.

6. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of Snyder Oil Corporation or Santa Fe Energy Resources, Inc.

Dated this 5th day of May, 1999.

SANTA FE ENERGY RESOURCES, INC.

By: David L. Hicks
Name: David L. Hicks
Title: Vice President — Law and
General Counsel

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.

Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

See Attached List

2. Name of Operator

Santa Fe Snyder Corporation

Attn.: Phyllis Sobotik

3. Address and Telephone No.

1625 Broadway, Suite 2200, Denver, CO 80202

303-592-8668

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

See Attached List

5. Lease Designation and Serial No.

See Attached List

6. If Indian, Allottee or Tribe Name

See Attached List

7. If Unit or CA, Agreement Designation

8. Well Name and No.

See Attached List

9. API Well No.

See Attached List

10. Field and Pool, or Exploratory Area

See Attached List

11. County or Parish, State

See Attached List

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Change of Operator

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

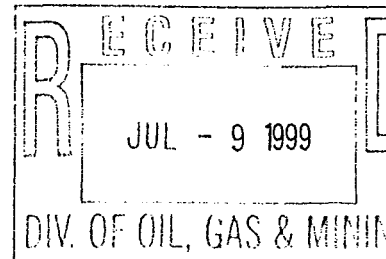
Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger.

A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Nationwide BLM Bond Number - UT-0855

Surety Bond Number - 400JF 5433

Please contact Phyllis Sobotik at 303-592-8668 if you have any questions.



14. I hereby certify that the foregoing is true and correct

Signed

Phyllis Sobotik

Title

Sr. Regulatory Specialist

Date

01-Jul-99

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instruction on Reverse Side

UTAH FACILITIES

Lease	Unit Name	Tribe Name	Field	Stat	County	1/41/4	S	T	R	Lease Number	Mineral Type	API Number	Comments
✓ State #16-1-O			Monument Butte (Castle Peak)	INA	Duchesne	SW/SE	16	9S	16E	ML 16532	STATE	43-013-31022	10250
✓ State #16-2-N			Monument Butte (Castle Peak)	ACT	Duchesne	SE/SW	16	9S	16E	ML 16532	STATE	43-013-31094	10199
✓ Stirrup #32-1J			Horseshoe Bend	ACT	Uintah	NW/SE	32	6S	21E	ML 40226	STATE	43-047-31646	9614
Stirrup Federal #29-2			Horseshoe Bend	INA	Uintah	NW/SE	29	6S	21E	U 46699	FED	43-047-31508	11055
Stirrup Federal #29-3	Horseshoe Bend		Horseshoe Bend	INA	Uintah	SE/SE	29	6S	21E	U 46699	FED	43-047-31634	12323
✓ Stirrup State 32-1	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	NW/NE	32	6S	21E	ML 22036	STATE	43-047-31557	12323
✓ Stirrup State #32-2	Horseshoe Bend		Horseshoe Bend	ACT	Uintah	SE/NE	32	6S	21E	ML 22036	STATE	43-047-31626	12323
✓ Stirrup State #32-6	Horseshoe Bend		Horseshoe Bend	WIW	Uintah	NE/NE	32	6S	21E	ML 22036	STATE	43-047-32784	Injector 12323
UTD Chasel #24-14			Eight Mile Flat North (Monument Butte)	INA	Uintah	SE/SW	24	9S	18E	U 67549	FED	43-047-32566	11798
UTD Kidd #20-16			Eight Mile Flat North (Monument Butte)	ACT	Uintah	SE/SE	20	9S	18E	U 67178	FED	43-047-32568	11727
Ute Tribal #13-1		Ute	Leland Bench	ACT	Uintah	NE/NE	13	4S	1E	14-20-H62-4376	FED	43-047-31846	10931
Ute Tribal #15-1		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/SW	15	4S	1E	14-20-H62-4527	FED IND	43-047-31936	11218
Ute Tribal #16-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	SE/SE	16	4S	11	14-20-H62-4526	FED IND	43-047-31933	11219
Ute Tribal #21-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NE/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-31821	10818
Ute Tribal #21-W-1 (Wtr Supply)		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	NE/NE	21	4S	1E	14-20-H62-4418	FED IND		On same pad w/21-1
Ute Tribal #21-2H		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	SE/NE	22	4S	1E	14-20-H62-4418	FED IND	43-047-32570	11725
Ute Tribal #21-3B		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NW/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-32571	11770
Ute Tribal #21-4G		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/NE	21	4S	1E	14-20-H62-4418	FED IND	43-047-32664	11766
Ute Tribal #21-5C		Ute	Windy Ridge West (Leland Bench)	TAD	Uintah	NE/NW	21	4S	1E	14-20-H62-4418	FED IND	43-047-32690	11860
Ute Tribal #22-1		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	NW/NW	22	4S	1E	14-20-H62-4528	FED IND	43-047-31934	11220
Ute Tribal #22-2		Ute	Windy Ridge West (Leland Bench)	INA	Uintah	SW/NW	22	4S	1E	14-20-H62-4528	FED IND	43-047-32097	11343
Ute Tribal #22-4I		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NE/SE	22	4S	1E	14-20-H62-4528	FED IND	43-047-32572	11748
Ute Tribal #23-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SW/SE	23	4S	1E	14-20-H62-4529	FED IND	43-047-31935	12010
Ute Tribal #25-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SW/NW	25	4S	1E	14-20-H62-4417	FED IND	43-047-31848	12010
Ute Tribal #25-F	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NW	25	4S	1E	14-20-H62-4823	FED IND	43-047-32809	12010
Ute Tribal #26-1	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NE	26	4S	1E	U 35A	FED	43-047-31822	Injector 12010
Ute Tribal #26-1C	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	NE/NE	26	4S	1E	U 35A	FED	43-047-31738	12010
Ute Tribal #26-3G	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	SE/NE	26	4S	1E	U 35A	FED	43-047-32667	12010
Ute Tribal #26-5J	Leland Bench	Ute	Windy Ridge East (Leland Bench)	ACT	Uintah	NW/SE	26	4S	1E	U 35A	FED	43-047-32574	12010
Ute Tribal #27-1		Ute	Windy Ridge West (Leland Bench)	ACT	Uintah	NW/NW	27	4S	1E	14-20-H62-4530	FED IND	43-047-31942	11221
Walker Hollow Unit #6	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	SE/SE	8	7S	23E	U 02651	FED	43-047-31034	2760
Walker Hollow Unit #J-8	Walker Hollow		Walker Hollow (Horseshoe Bend)	INA	Uintah	NW/SE	8	7S	23E	U 02651	FED	43-047-31092	2760
W. Walker Fed. #1C-33			Horseshoe Bend	ACT	Uintah	NW/SW	33	6S	22E	U 38411	FED	43-047-30815	2715
✓ W. Walker St. #1C-32			Horseshoe Bend	ACT	Uintah	NE/SW	32	6S	22E	ML 33526	STATE	43-047-30877	2720
✓ West Walker St. #2-32			Horseshoe Bend	INA	Uintah	NW/NE	32	6S	22E	ML 33526	STATE	43-047-30878	2721
White River #1-14			Natural Buttes	INA	Uintah	NE/NW	14	10S	23E	U 38427	FED	43-047-30481	1500
Willow Creek Unit #1			Pack Mountain (Willow Creek)	INA	Uintah	SE/NE	27	11S	20E	U 34705	FED	43-047-31775	10804
Willow Creek Unit #2			Brown Canyon (Willow Creek)	INA	Uintah	SE/SW	5	11S	20E	U 39223	FED	43-047-31818	11604
Wolf Government Federal # 1			Horseshoe Bend	ACT	Uintah	NE/NE	5	7S	22E	U 075939	FED	43-047-15609	2755

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

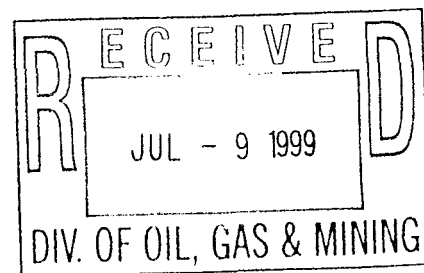
1. SUNDRY NOTICES AND REPORTS ON WELLS. (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.)		5. LEASE DESIGNATION AND SERIAL NO. ML 16532	
2. NAME OF OPERATOR Santa Fe Snyder Corporation		6. IF INDIAN, ALLOTTEE OR TRIBAL NAME	
3. ADDRESS OF OPERATOR 1625 Broadway, Suite 2200 Denver, CO 80202		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW/SE 2110' FEL, 755' FSL		8. FARM OR LEASE NAME State	
14. API NUMBER 43-013-31022		9. WELL NO. #16-1-O	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5927' GL		10. FIELD AND POOL, OR WILDCAT Castle Peak	
12. COUNTY OR PARISH Duchesne		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 16, T9S-R16E	
13. STATE Utah			
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data			
NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Change of Operator</u>	<input checked="" type="checkbox"/>
(OTHER) <input type="checkbox"/>		(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Snyder Oil Corporation and Santa Fe Energy Resources, Inc. have merged to form Santa Fe Snyder Corporation. The legal acceptance date of the merger is May 5, 1999. However, in an effort to simplify documentation issues, Santa Fe Snyder Corporation requests that June 1, 1999 be used as the effective date of merger. A copy of the Merger Certificate and of the Office of the Secretary of State's Acceptance is attached.

Surety Bond Number - JZ 7777

New Operator Number - N2000



18. I hereby certify that the foregoing is true and correct		
SIGNED <u>[Signature]</u>	TITLE <u>Sr. Regulatory Specialist</u>	DATE <u>7/1/99</u>
(This space for Federal or State office use)		
APPROVED BY _____	TITLE _____	DATE _____
CONDITIONS OF APPROVAL, IF ANY:		

COPY DOGM SPEED LETTER

To: Ed Bonner

From: Kristen Risbeck

School & Institutional Trust

Division of Oil, Gas & Mining

Lands Administration

Subject: Operator Change

MESSAGE

Date 08/11 19 99

Ed,

For your information, attached are copies of documents regarding an operator name change on a state lease(s)

These companies have complied with our requirements. Our records have been updated. Bonding should be reviewed by your agency ASAP.

Former Operator: Snyder Oil Corporation

New Operator: Sante Fe Snyder Corporation

Well(s):	API:	Entity:	S-T-R:	Lease:
Alger Pass 1	43-047-31824	10828	02-11S-19E	ML-36213
Archy Bench St. 1-2	43-047-31489	09871	02-11S-22E	ML-22348A
Castle Peak St. 32-16	43-013-30650	00445	16-09S-16E	ML-16532
Castle Peak St. 33-16	43-013-30640	00440	16-09S-16E	ML-16532
Gusher Unit 3	43-047-15590	10341	10-06S-20E	ML-06584
Horseshoe Bend 36-1P	43-047-31482	09815	36-06S-21E	ML-33225
Lookout Point 1-16	43-047-30544	01495	16-10S-23E	ML-22186A
State 14-16	43-047-31417	08010	16-07S-21E	ML-40904
State 16-1-O	43-013-31022	10200	16-09S-16E	ML-16532
State 16-2-N	43-013-31094	10199	16-09S-16E	ML-16532
Stirrup 32-1J	43-047-31646	09614	32-06S-21E	ML-40226
Stirrup St. 32-1	43-047-31557	12323	32-06S-21E	ML-22036
Stirrup St. 32-2	43-047-31626	12323	32-06S-21E	ML-22036
Stirrup St. 32-6	43-047-32784	12323	32-06S-21E	ML-22036
W. Walker St. 1C-32	43-047-30877	02720	32-06S-22E	ML-33526
West Walker St. 2-32	43-047-30878	02721	32-06S-22E	ML-33526

cc: Operator File

Signed Kristen Risbeck

REPLY

Date _____ 19 ____

Signed _____

FORMSPEEDLTR

1-KDR	6-KAS
2-GLH	7-SJ
3-JRB	8-FILE
4-CDW	9- <i>[Signature]</i>
5-KDR	

OPERATOR CHANGE WORKSHEET

Attach all documentation received by the division regarding this change.

Initial each listed item when completed. Write N/A if item is not applicable.

- ☐ Change of Operator (well sold) ☐ Designation of Agent
☐ Designation of Operator ☒ Operator Name Change Only (MERGER)

The operator of the well(s) listed below has changed, effective: 6-1-99

TO: (new operator) (address) <u>SANTE FE SNYDER CORPORATION</u> <u>P.O. BOX 129</u> <u>BAGGS, WYOMING 82321</u> Phone: <u>(307) 383-2800</u> Account no. <u>N2000 (6-24-99)</u>	FROM: (old operator) (address) <u>SNYDER OIL CORPORATION</u> <u>P.O. BOX 129</u> <u>BAGGS, WYOMING 82321</u> Phone: <u>(307) 383-2800</u> Account no. <u>N1305</u>
---	--

WELL(S) attach additional page if needed:

*HORSESHOE BEND, LOVE, EAST BENCH & WALKER HOLLOW UNITS

name: <u>*SEE ATTACHED*</u>	API: <u>43-013-31022</u>	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____
name: _____	API: _____	Entity: _____	S _____	T _____	R _____	Lease: _____

OPERATOR CHANGE DOCUMENTATION

- 1 (r649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator (attach to this form). *(Rec'd 6.11.99)*
- 2 (r649-8-10) Sundry or other legal documentation has been received from the **NEW** operator (Attach to this form). *(Rec'd 6.11.99)*
- 3 The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is the company registered with the state? (yes/no) ____ If yes, show company file number: #011879
- 4 **FOR INDIAN AND FEDERAL WELLS ONLY.** The BLM has been contacted regarding this change. Make note of BLM status in comments section of this form. BLM approval of Federal and Indian well operator changes should ordinarily take place prior to the division's approval, and before the completion of steps 5 through 9 below. *(Rec'd 7.6.99)*
- 5 Changes have been entered in the Oil and Gas Information System (3270) for each well listed above. *(7.12.99)*
- 6 Cardex file has been updated for each well listed above.
- 7 Well file labels have been updated for each well listed above. *(new system)*
- 8 Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to Trust Lands, Sovereign Lands, UGS, Tax Commission, etc. *(8.2.99)*
- 9 A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

ENTITY REVIEW

- DR 1. (r649-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) If entity assignments were changed, attach copies of Form 6, Entity Action Form.
- DR 2. Trust Lands, Sovereign Lands, Tax Commission, etc., have been **notified** through normal procedures of entity changes.

BOND VERIFICATION - (FEE WELLS ONLY)

- DR 1. (r649-3-1) The **NEW** operator of any fee lease well listed above has furnished a proper bond.
(Rec'd 6-11-99 #J27777)
- DR 2. A copy of this form has been placed in the new and former operator's bond files.
- DR 3. The **FORMER** operator has requested a release of liability from their bond (yes/no) (no), as of today's date 6-11-99. If yes, division response was made to this request by letter dated Aug. 12, 1999

LEASE INTEREST OWNER NOTIFICATION OF RESPONSIBILITY

- DR 1. Copies of documents have been sent on 8/12/99 to Ed Bonner at Trust Lands for changes involving State leases, in order to remind that agency of their responsibility to review for proper bonding.
- JH 2. (r649-2-10) The former operator of any fee lease wells listed above has been contacted and informed by letter dated _____ 19 __, of their responsibility to notify all interest owners of this change.

FILMING

- KS 1. All attachments to this form have been **microfilmed**. Today's date: 9-29-99.

FILING

1. Copies of all attachments to this form have been filed in each well file.
2. The **original of this form**, and the **original attachments** are now being filed in the Operator Change file.

COMMENTS

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL ☐ GAS WELL ☐ OTHER _____

2. NAME OF OPERATOR:
El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078 PHONE NUMBER: 435-789-4433

4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: 1483000

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

El Paso Production Oil & Gas Company

NAME (PLEASE PRINT) John T. Elzner TITLE Vice President

SIGNATURE [Signature] DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

State of Delaware
Office of the Secretary of State

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

JUN 14 2001

DIVISION OF
OIL, GAS AND MINING



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

CERTIFICATE OF AMENDMENT

OF

CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST." so that, as amended, said Article shall be and read as follows:

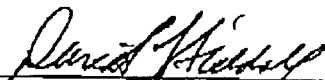
"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL & GAS CORPORATION



David L. Siddall
Vice President

Attest:


Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 11:00 AM 03/09/2001
010118394 - 0610204

JUN 19 2001

DIVISION OF
OIL, GAS AND MINING

OPERATOR CHANGE WORKSHEET**ROUTING**

1. GLH	<input checked="" type="checkbox"/>	4-KAS
2. CDW	<input checked="" type="checkbox"/>	5-LP <input checked="" type="checkbox"/>
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

X **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001****FROM: (Old Operator):**

COASTAL OIL & GAS CORPORATION

Address: 9 GREENWAY PLAZA STE 2721

HOUSTON, TX 77046-0995

Phone: 1-(713)-418-4635

Account N0230

TO: (New Operator):

EL PASO PRODUCTION OIL & GAS COMPANY

Address: 9 GREENWAY PLAZA STE 2721 RM 2975B

HOUSTON, TX 77046-0995

Phone: 1-(832)-676-4721

Account N1845

CA No.**Unit:****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
ST UNIT 2-35A2	43-013-30156	5765	35-01S-02W	STATE	OW	S
STATE 1-8A3	43-013-30286	9114	08-01S-03W	STATE	OW	S
CASTLE PEAK STATE 32-16	43-013-30650	445	16-09S-16E	STATE	OW	P
CASTLE PEAK STATE 33-16	43-013-30640	440	16-09S-16E	STATE	OW	P
STATE 16-1-0	43-013-31022	10200	16-09S-16E	STATE	OW	P
STATE 16-2-N	43-013-31094	10199	16-09S-16E	STATE	OW	P
STATE LND BRD UTE 1-35A (CA 9C-136)	43-047-30182	5520	35-01S-01W	STATE	OW	P
UT ST LND BRD 1-11B1	43-047-30171	5555	11-02S-01W	STATE	OW	P
STATE 1-14B1	43-047-30818	1420	14-02S-01W	STATE	OW	P
STIRRUP 32-1-J	43-047-31646	9614	32-06S-21E	STATE	OW	P
HORSESHOE BEND 36-1-P	43-047-31482	9815	36-06S-21E	STATE	GW	P
W WALKER STATE 1-32	43-047-30877	2720	32-06S-22E	STATE	GW	S
STATE 14-16	43-047-31417	8010	16-07S-21E	STATE	OW	P
WONSITS STATE 1-32	43-047-32820	12842	32-07S-22E	STATE	GW	P
WONSITS STATE 2-32	43-047-32819	12697	32-07S-22E	STATE	GW	P
WONSITS STATE 3-32	43-047-33676	13038	32-07S-22E	STATE	GW	P
WONSITS STATE 4-32	43-047-33677	99999	32-07S-22E	STATE	GW	APD
WONSITS STATE 5-32	43-047-33678	13053	32-07S-22E	STATE	GW	P
WONSITS STATE 6-32	43-047-33679	99999	32-07S-22E	STATE	GW	APD
WONSITS STATE 7-32	43-047-33680	99999	32-07S-22E	STATE	GW	APD

OPERATOR CHANGES DOCUMENTATION

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
- Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: N/A
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: N/A
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 07/10/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 07/10/2001
3. Bond information entered in RBDMS on: 06/20/2001
4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: 400JU0705

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: _____

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filed in each well file on: _____

COMMENTS: Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: ML 16532
2. NAME OF OPERATOR: EL PASO E&P COMPANY, L.P. N3065		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 1099 18TH ST, STE 1900 CITY DENVER STATE CO ZIP 80202		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: 755' FSL, 2110' FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWSE 16 9S 16E		8. WELL NAME and NUMBER: STATE 16-1-0
PHONE NUMBER: (303) 291-6400		9. API NUMBER: 4301331022
COUNTY: DUCHESNE STATE: UTAH		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTES

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

AS A RESULT OF SALE, EL PASO E&P COMPANY, L.P. WILL BE TRANSFERRING OPERATORSHIP OF THE SUBJECT WELL EFFECTIVE OCTOBER 1, 2007, TO:

NEWFIELD PRODUCTION COMPANY AS THE CONTRACT OPERATOR ON BEHALF OF NEWFIELD RMI LLC
1401 17th STREET
DENVER, CO 80202 N2695 (303) 893-0102

COMPANY BOND NUMBER: B 001834

NAME NEWFIELD PRODUCTION COMPANY

TITLE BY: W. M. BLUMENSHINE, VICE PRESIDENT (NEWFIELD)

SIGNATURE

DATE: SEPTEMBER 25, 2007

NAME (PLEASE PRINT) EL PASO E&P COMPANY, L.P.

SIGNATURE

BY: THOMAS M. HART, SR VICE PRESIDENT

DATE 9/25/2007

(This space for State use only)

APPROVED 11/29/07

Earlene Russell

Division of Oil, Gas and Mining

Earlene Russell, Engineering Technician

(5/2000)

See Instructions on Reverse Side)

RECEIVED

NOV 09 2007

DIV. OF OIL, GAS & MINING

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

10/1/2007

FROM: (Old Operator):

N3065-El Paso E&P Company, LP
 1099 18th St, Suite 1900
 Denver, CO 80202

Phone: 1 (303) 291-6400

TO: (New Operator):

N2695-Newfield Production Company
 1401 17th St, Suite 1000
 Denver, CO 80202

Phone: 1 (303) 893-0102

CA No.				Unit:				
WELL NAME	SEC TWN RNG			API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
CASTLE PEAK STATE 33-16	16	090S	160E	4301330640	440	State	OW	P
CASTLE PK 32-16	16	090S	160E	4301330650	445	State	OW	P
STATE 16-1-0	16	090S	160E	4301331022	10200	State	OW	P
STATE 16-2-N	16	090S	160E	4301331094	10199	State	OW	P

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 11/9/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 11/9/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 11/9/2007
- a. Is the new operator registered in the State of Utah: yes Business Number: 755627-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM n/a BIA n/a
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: n/a
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: n/a

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 11/29/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 11/29/2007
- Bond information entered in RBDMS on: 11/29/2007
- Fee/State wells attached to bond in RBDMS on: 11/29/2007
- Injection Projects to new operator in RBDMS on: n/a
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: na/
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number B001834
- b. The **FORMER** operator has requested a release of liability from their bond on: n/a
The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: STATE 16-1-0
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0755 FSL 2110 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013310220000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> WILDCAT WELL DETERMINATION <input type="checkbox"/> OTHER	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/6/2014	<input type="checkbox"/> SPUD REPORT Date of Spud:	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <p>The subject well has been converted from a producing oil well to an injection well on 10/02/2014. On 10/03/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/06/2014 the casing was pressured up to 1073 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.</p>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874
SIGNATURE N/A		TITLE Water Services Technician
DATE 10/7/2014		Accepted by the Utah Division of Oil, Gas and Mining Date: <u>October 15, 2014</u> By:

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630

Myton, UT 84052

435-646-3721

Witness: _____ Date 10/16/14 Time 11:45 am pm

Test Conducted by: Johnny Daniels

Others Present: _____

Well: State 16-1-0-9-16

Field: GMBH

Well Location: SW/SE Sec. 16, 9S, R160E
Duchesne County

API No: 43-013-31072

Time

Casing Pressure

0 min	<u>1074</u>	psig
5	<u>1073</u>	psig
10	<u>1073</u>	psig
15	<u>1073</u>	psig
20	<u>1073</u>	psig
25	<u>1073</u>	psig
30 min	<u>1073</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 200 psig

Result:

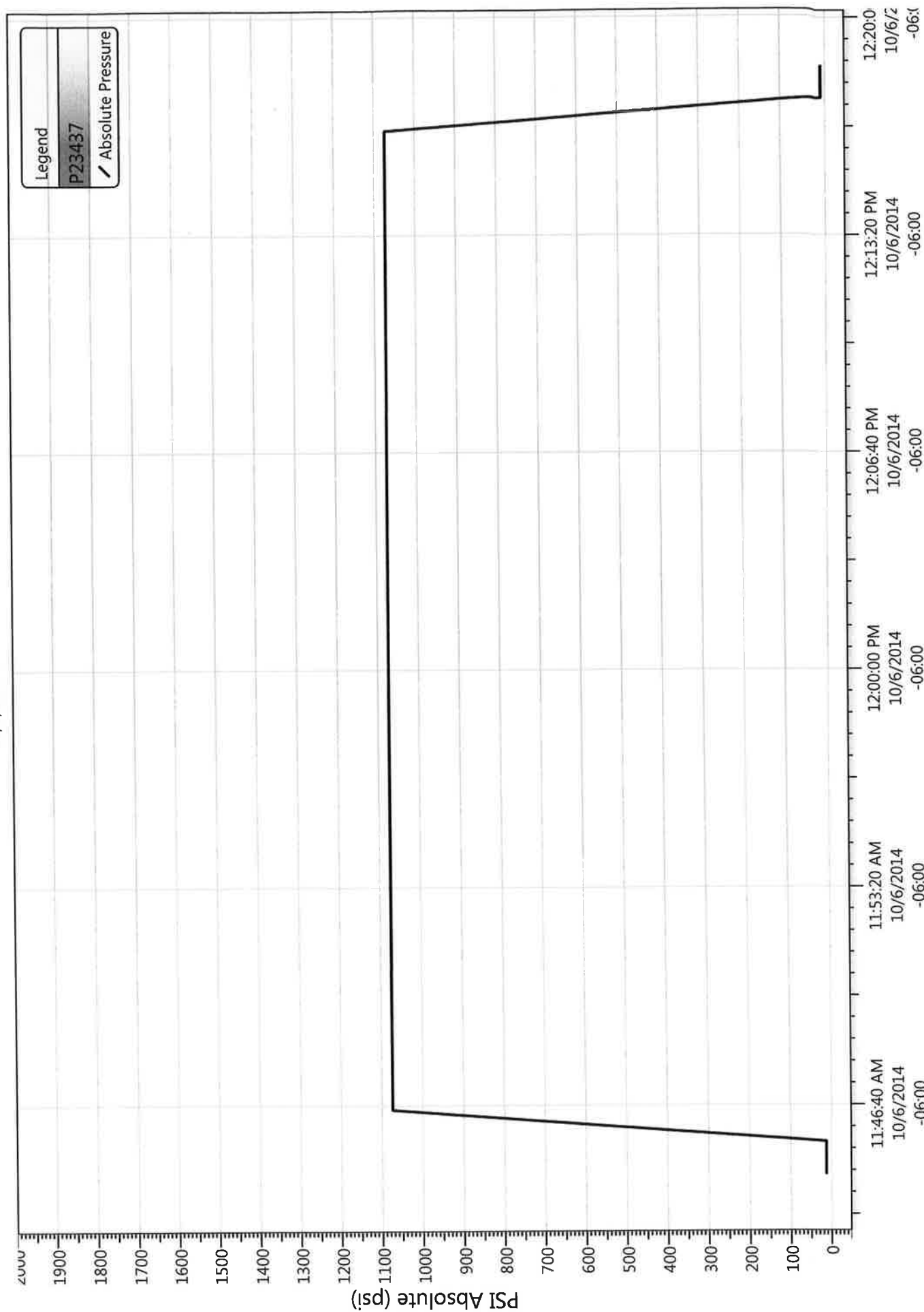
Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Johnny Daniels

State 16-1-O-9-16
10/6/2014 11:44:19 AM



NEWFIELD



Job Detail Summary Report

Well Name: State 16-1-O-9-16

Jobs			
Primary Job Type	Job Start Date	Job End Date	
Conversion	9/29/2014	10/6/2014	
Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
9/29/2014	9/29/2014	MIRUSU	
Start Time	End Time	End Time	Comment
05:30	06:00		C/TRVL
Start Time	End Time	End Time	Comment
06:00	07:00		SAFETY MTG
Start Time	End Time	End Time	Comment
07:00	08:00		MIRUSU
Start Time	End Time	End Time	Comment
08:00	09:30		BMW H/O Pmped 60BW w/ Biocides d/ Csg @ 800psi
Start Time	End Time	End Time	Comment
09:30	10:00		RDP, LD & Strip Polished Rod
Start Time	End Time	End Time	Comment
10:00	10:45		US Rod Pmp, H/O Flushed Rods w/ 40BW
Start Time	End Time	End Time	Comment
10:45	11:15		Soft Seat Test, 18BW to Fill, PT to 3500psi, GOOD TEST
Start Time	End Time	End Time	Comment
11:15	13:45		LD 7/8" x 2', 4' 8" Pony Rods, 10- 7/8" 4per, 12- 3/4" 4per, 107- 3/4" Plain, 15- 3/4" 4per, 18- 3/4" Plain, 47- 3/4" 4per, 5- Stabilizer Rods, 5- 1 1/2" Wt Bars, Rod Pump(Screen Scaled Off) On Trl
Start Time	End Time	End Time	Comment
13:45	14:15		H/O Flushed Tbg w/ 30BW
Start Time	End Time	End Time	Comment
14:15	15:00		ND WH Flange, Function Test BOPs, NU BOPs, RU Workfloor
Start Time	End Time	End Time	Comment
15:00	17:30		Release TAC, POOH w/ 128- Jts (4024.09') Breaking & Dopeing Everyother Collar, Conti POOH w/ 48- Jts, LD TAC, PSN, PBGA, BP, 20' of Fill in Tail Jts
Start Time	End Time	End Time	Comment
17:30	18:30		MU Slauch Scrappier, TIH w/ 48- Jt SWIFN
Start Time	End Time	End Time	Comment
18:30	19:00		C/TRVL
Report Start Date	Report End Date	24hr Activity Summary	
9/30/2014	9/30/2014	POOH TBG B&D EVERY COLLAR, MU PKR ASSY TIH BHA	
Start Time	End Time	End Time	Comment
05:30	06:00		CREW TRAVEL
Start Time	End Time	End Time	Comment
06:00	07:00		SAFETY MTG
Start Time	End Time	End Time	Comment
07:00	07:30		SICP 40psi SITP 40psi, Bleed Down Well, OWU
Start Time	End Time	End Time	Comment
07:30	09:30		RIH W/120 JTS
Start Time	End Time	End Time	Comment
09:30	09:45		P/U 5 Jts Off Trailer Tag @ 5575' NO FILL on PB
Start Time	End Time	End Time	Comment
09:45	10:15		L/D Top Jt, BMW H/O Flushed Tbg w/ 40BW
Start Time	End Time	End Time	Comment
10:15	12:15		POOH w/127- Jts B&D Everyother Collar
Start Time	End Time	End Time	Comment
12:15	13:30		LD 47- Jts 2 7/8" Tbg On Trl, H/O Pmped 20BW d/ Csg while POOH to clean Tbg
Start Time	End Time	End Time	Comment
13:30	15:00		MU 5 1/2" AS-1X Injection PKR Assa, TIH w/ 128 Jts

NEWFIELD



Well Name: State 16-1-O-9-16

Job Detail Summary Report

Start Time	15:00	End Time	16:00	Comment
Start Time	16:00	End Time	17:00	H/O Pmped 10BW d/ Tbg for Pad, Drop S/Valve, RIH w/ S/Line to Seat, 13BW to Fill
Start Time	17:00	End Time	17:15	PT Tbg to 3150psi, Observ Pressure
Start Time	17:15	End Time	17:45	NO PRESSURE LOSS in 30Min, GOOD TBG TEST!
Start Time	17:45	End Time	18:30	Retrieve S/Valv w/ S/Line
Start Time	18:30	End Time	19:00	RD Workfloor, ND WFT BOP-s, NU WH Flange, 6:30 SWIFN Ready to Pmp PKR Fluids
Start Time	19:00	End Time		C/TRVL
Report Start Date	10/1/2014	Report End Date	10/1/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	SET PKR ASSY
Start Time	06:00	End Time	07:00	C/TRVL
Start Time	07:00	End Time	07:30	SAFETY MTG
Start Time	07:30	End Time	09:00	SICP 10psi SITP 10psi, OWU
Start Time	09:00	End Time	09:30	XO 3000psi Ball Valves, BMW H/O Pmped 60BW w/ Multi-Chem PKR Fluids d/ Annulus, No Circulation
Start Time	09:30	End Time	10:00	Set AS-1X PKR CE @ 4045' w/ 15000# of Tension, NU 3K Injection Tree
Start Time	10:00	End Time	11:00	17BW to Fill Annulus, Allowed Gas to Surface
Start Time	11:00	End Time	13:00	PT Annulus to 1450psi, Observ Pressure
Start Time	13:00	End Time	14:30	115psi Loss in 45min, Repress to 1400psi, 12:00: 20psi Loss in 60min
Start Time	14:30	End Time	17:00	NO Pressure Loss Noticed on Gauge in 30min
Start Time	17:00	End Time	17:30	NFX Wtr Service Rep Performed MIT, MIT Failed, 1365psi Start-1358psi End, 7psi Loss in 30min, 3:00: Steamed on NC1 & Equipment
Start Time	17:30	End Time	18:00	SWIFN w/ Pressure on Csg
Start Time	18:00	End Time		C/TRVL
Report Start Date	10/2/2014	Report End Date	10/2/2014	24hr Activity Summary
Start Time	05:30	End Time	06:00	MIT
Start Time	06:00	End Time	07:00	6:00AM C/Travl
Start Time	07:00	End Time	07:30	Safety Meeting
Start Time	07:30	End Time	12:30	SICP 1260psi SITP 75psi, Bleed Off Tbg, Bleed Off Gas From Csg
Start Time	12:30	End Time	14:00	Preferred H/O Pressured Csg to 1400psi
Start Time	14:00	End Time		NFX Wtr Service Rep Performed MIT, 5psi Loss in 30min, Failed Tes



Job Detail Summary Report

Well Name: State 16-1-O-9-16

Start Time	14:00	End Time	15:30	Comment
Report Start Date	Report End Date	24hr Activity Summary		
10/6/2014	10/6/2014	Conduct MIT		
Start Time	11:50	End Time	12:20	Comment
On 10/03/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/06/2014 the casing was pressured up to 1073 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.				

NEWFIELD

Schematic

Well Name: State 16-1-O-9-16

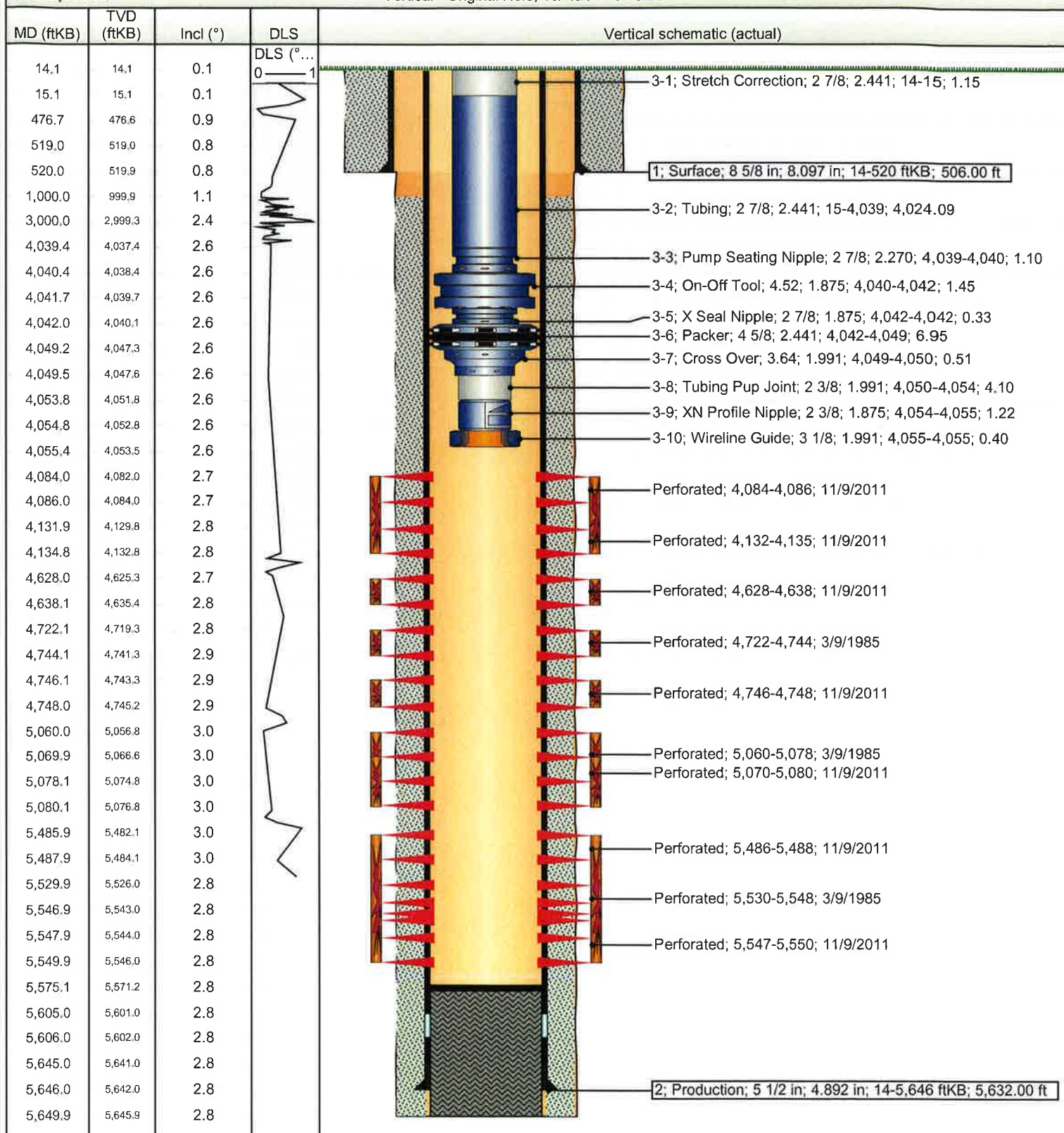
Surface Legal Location 16-9S-16E		API/UWI 43013310220000	Well RC 500198633	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 3/23/1985	Original KB Elevation (ft) 5,941	Ground Elevation (ft) 5,927	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,575.0	

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 9/29/2014	Job End Date 10/6/2014
---------------------------------------	--------------------------------	-----------------------------	-----------------------------	---------------------------

TD: 5,650.0

Vertical - Original Hole, 10/7/2014 8:19:06 AM



NEWFIELD
Newfield Wellbore Diagram Data
State 16-1-O-9-16

Surface Legal Location 16-9S-16E		API/UWI 43013310220000		Lease	
County DUCHESE		State/Province Utah		Field Name GMBU CTB5	
Well Start Date		Spud Date		On Production Date 3/23/1985	
Original KB Elevation (ft) 5,941	Ground Elevation (ft) 5,927	Total Depth (ftKB) 5,650.0		Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,575.0

Casing Strings

Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	1/4/1985	8 5/8	8.097	24.00	J-55	520
Production	2/3/1985	5 1/2	4.950	15.50	J-55	5,646

Cement**String: Surface, 520ftKB 1/4/1985**

Cementing Company		Top Depth (ftKB) 14.0	Bottom Depth (ftKB) 520.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 250	Class G	Estimated Top (ftKB) 14.0

String: Production, 5,646ftKB 2/3/1985

Cementing Company		Top Depth (ftKB) 1,000.0	Bottom Depth (ftKB) 3,000.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 275	Class Hi-Lift	Estimated Top (ftKB) 1,000.0

String: Production, 5,646ftKB 2/3/1985

Cementing Company		Top Depth (ftKB) 3,000.0	Bottom Depth (ftKB) 5,650.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description		Fluid Type Lead	Amount (sacks) 485	Class G	Estimated Top (ftKB) 3,000.0

Tubing Strings

Tubing Description					Run Date		Set Depth (ftKB)	
Tubing					9/30/2014		4,055.3	
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Stretch Correction	1	2 7/8	2.441			1.15	14.0	15.1
Tubing	128	2 7/8	2.441	6.50	J-55	4,024.09	15.1	4,039.2
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,039.2	4,040.3
On-Off Tool	1	4.515	1.875			1.45	4,040.3	4,041.8
X Seal Nipple	1	2 7/8	1.875			0.33	4,041.8	4,042.1
Packer	1	4 5/8	2.441			6.95	4,042.1	4,049.1
Cross Over	1	3.635	1.991			0.51	4,049.1	4,049.6
Tubing Pup Joint	1	2 3/8	1.991			4.10	4,049.6	4,053.7
XN Profile Nipple	1	2 3/8	1.875			1.22	4,053.7	4,054.9
Wireline Guide	1	3 1/8	1.991			0.40	4,054.9	4,055.3

Rod Strings

Rod Description				Run Date		Set Depth (ftKB)	
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals

Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
8	GB6, Original Hole	4,084	4,086	3			11/9/2011
8	GB4, Original Hole	4,132	4,135	3			11/9/2011
7	D1, Original Hole	4,628	4,638	3			11/9/2011
3	3, Original Hole	4,722	4,744	4			3/9/1985
6	D3, Original Hole	4,746	4,748	3			11/9/2011
2	2, Original Hole	5,060	5,078	4			3/9/1985
5	A1, Original Hole	5,070	5,080	3			11/9/2011
4	CP1, Original Hole	5,486	5,488	3			11/9/2011
1	1, Original Hole	5,530	5,548	4			3/9/1985
4	CP1, Original Hole	5,547	5,550	3			11/9/2011

Stimulations & Treatments

Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
2							
1							
3							
4	1,851	0.77	16.0	4,454			
5	1,759	0.78	16.0	4,420			

NEWFIELD

Newfield Wellbore Diagram Data State 16-1-O-9-16



Stimulation & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
6			16.0	5,124			
7			16.0	5,069			
7			15.0	4,918			

Proppant		
Stage#	Total Prop Vol Pumped (lb)	Total Add Amount
2		Sand Sand 50000 lb
1		Sand Sand 80000 lb
3		Sand Sand 500000 lb
4		White White Sand 38960 lb
5		White White Sand 48942 lb
6		White White Sand 34173 lb
7		White White Sand 34603 lb
7		White White Sand 30474 lb

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
1. TYPE OF WELL Oil Well		8. WELL NAME and NUMBER: STATE 16-1-0
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		9. API NUMBER: 43013310220000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0755 FSL 2110 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		COUNTY: DUCHESNE
		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

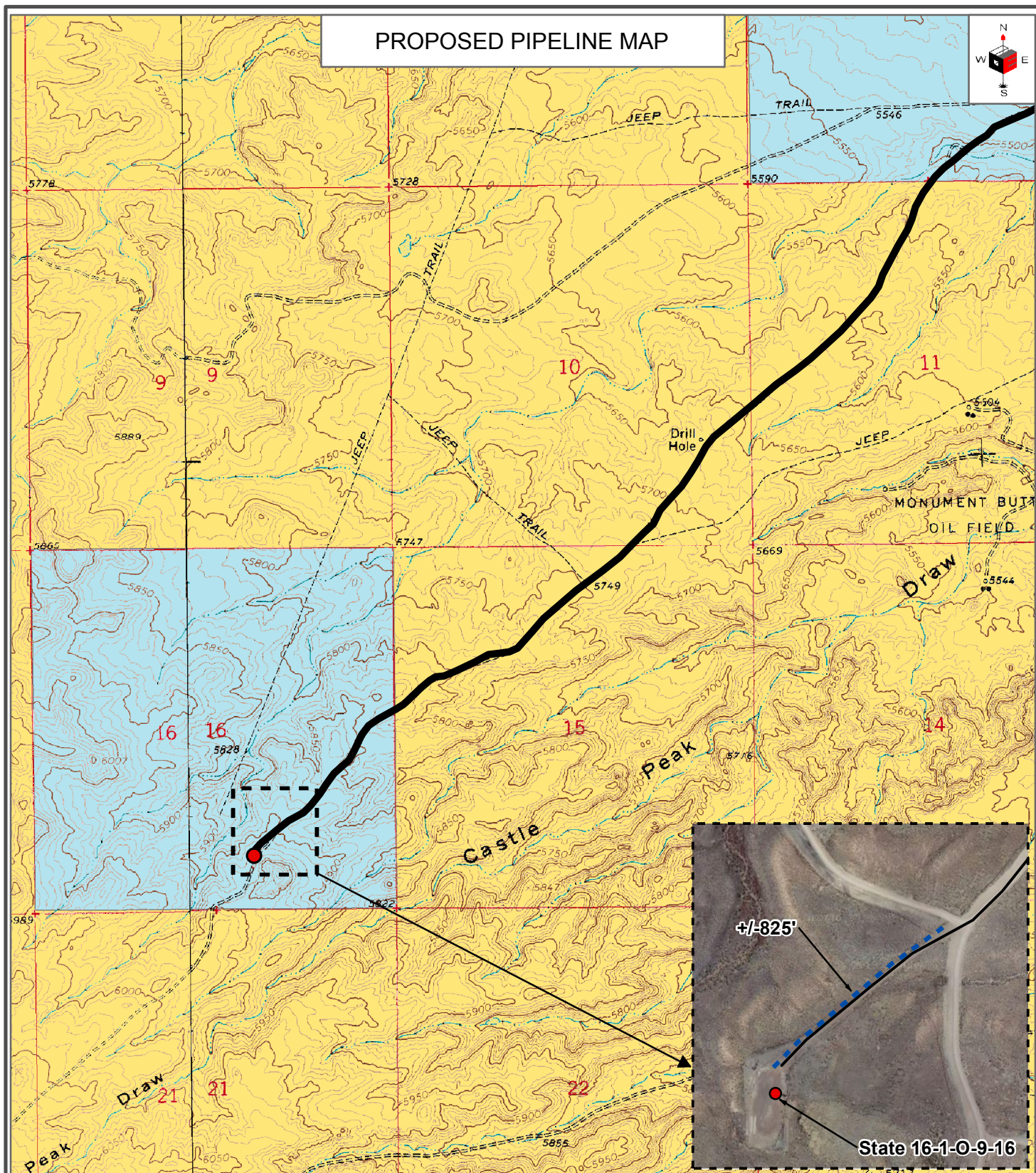
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT Approximate date work will start: 11/14/2014	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input type="checkbox"/> DRILLING REPORT Report Date:		<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Pipeline Installation"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Newfield would like to install a buried 3" Flex-steel Pipe for purposes of water injection to the 16-1-O-9-16 totaling 825 feet in length. Reclamation activities would commence after construction activities were complete.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY
 January 08, 2015

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A		DATE 11/7/2014



LEGEND

- Well Head Location
- Proposed Approx. Waterline
- Existing Access Road

Land Status
Bureau of Land
Management (BLM)
State



**STATE 16-1-O-9-16
ON STATE GROUND
SEC. 16, T9S, R16E, S.L.B.&M.
DUCHEсне COUNTY, UT.**

NO BOUNDARY SURVEY HAS BEEN PERFORMED BY OUTLAW ENGINEERING ON THE ABOVE PARCELS OF GROUND. OUTLAW DOES NOT WARRANT ANY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION.



**OUTLAW
ENGINEERING INC.**
P.O. BOX 1800
ROOSEVELT, UTAH 84066
(435) 232-4321

TOPOGRAPHIC
MAP
2014 GOOGLE IMAGERY

DATE SURVEYED: SEPT 25, 2014
SURVEYED BY: DK
SCALE: N.T.S.
DRAWN: SEPTEMBER 30, 2014
DRAWN BY: BWH

SHEET
D

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-16532
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: STATE 16-1-0
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0755 FSL 2110 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSE Section: 16 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013310220000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 12/11/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above reference well was put on injection at 2:10 PM on 12/11/2015.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 15, 2015		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 12/14/2015	



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT

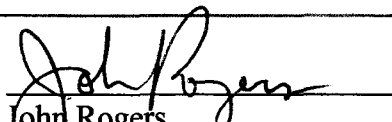
Cause No. UIC-418

Operator: Newfield Production Company
Well: State 16-1-0
Location: Section 16, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-31022
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on August 20, 2014.
2. Maximum Allowable Injection Pressure: 1,669 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (4,000' – 5,575'). The injection top is limited by the cement top in the nearby Castle Peak State 33-16 well (43-013-30640).
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

Date

11/13/2014

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Jill Loyle, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield



Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

multi-chem[®]

A HALLIBURTON SERVICE

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Jacob Bird**Well Name: **STATE 16-1-O-9-16**Lab Tech: **Gary Winegar**Sample Point: **CONVERSION/ALFREDO**Sample Date: **8/18/2014**Sample ID: **WA-284081**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	8/19/2014	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	4595.70	Chloride (Cl):	9000.00
System Pressure 1 (psig):	2000	Potassium (K):	205.60	Sulfate (SO ₄):	99.00
System Temperature 2 (°F):	210	Magnesium (Mg):	11.00	Bicarbonate (HCO ₃):	3172.00
System Pressure 2 (psig):	2000	Calcium (Ca):	26.40	Carbonate (CO ₃):	
Calculated Density (g/ml):	1.0083	Strontium (Sr):	5.40	Acetic Acid (CH ₃ COO)	
pH:	8.10	Barium (Ba):	14.10	Propionic Acid (C ₂ H ₅ COO)	
Calculated TDS (mg/L):	17151.54	Iron (Fe):	0.62	Butanoic Acid (C ₃ H ₇ COO)	
CO ₂ in Gas (%):		Zinc (Zn):	0.51	Isobutyric Acid ((CH ₃) ₂ CHCOO)	
Dissolved CO ₂ (mg/L):	0.00	Lead (Pb):	0.06	Fluoride (F):	
H ₂ S in Gas (%):		Ammonia NH ₃ :		Bromine (Br):	
H ₂ S in Water (mg/L):	39.00	Manganese (Mn):	0.05	Silica (SiO ₂):	21.10

Notes:

B=16.9 AL=.20 LI=1.5

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.58	22.31	0.92	7.30	3.06	0.34	2.10	0.45	0.00	0.00	0.00	0.00	0.00	0.00	9.52	0.27
200.00	2000.00	1.52	22.18	0.94	7.34	3.03	0.34	2.05	0.45	0.00	0.00	0.00	0.00	0.00	0.00	9.60	0.27
190.00	2000.00	1.47	22.04	0.96	7.38	3.01	0.34	1.99	0.45	0.00	0.00	0.00	0.00	0.00	0.00	9.68	0.27
180.00	2000.00	1.41	21.89	0.98	7.43	3.00	0.34	1.94	0.45	0.00	0.00	0.00	0.00	0.00	0.00	9.76	0.27
170.00	2000.00	1.36	21.73	1.01	7.49	2.99	0.34	1.88	0.45	0.00	0.00	0.00	0.00	0.00	0.00	9.85	0.27
160.00	2000.00	1.31	21.55	1.04	7.56	2.99	0.34	1.82	0.45	0.00	0.00	0.00	0.00	0.00	0.00	9.95	0.27
150.00	2000.00	1.26	21.36	1.08	7.63	2.99	0.34	1.76	0.44	0.00	0.00	0.00	0.00	0.00	0.00	10.06	0.27
140.00	2000.00	1.22	21.17	1.12	7.70	3.00	0.34	1.70	0.44	0.00	0.00	0.00	0.00	0.00	0.00	10.18	0.27
130.00	2000.00	1.18	20.96	1.17	7.77	3.02	0.34	1.64	0.44	0.00	0.00	0.00	0.00	0.00	0.00	10.31	0.27
120.00	2000.00	1.14	20.75	1.23	7.85	3.05	0.34	1.58	0.44	0.00	0.00	0.00	0.00	0.00	0.00	10.45	0.27

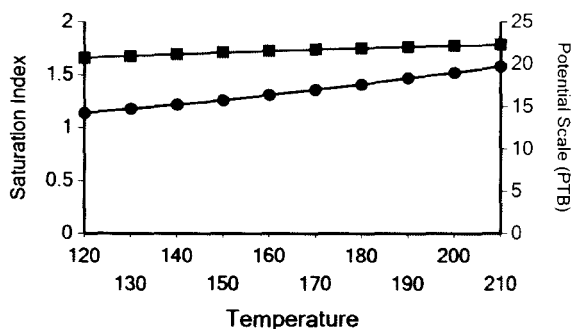
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.90	0.34	9.66	0.02	4.40	18.86	1.95	10.69	7.66	0.48
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.82	0.34	9.80	0.02	3.93	17.89	1.67	9.82	7.31	0.48
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.72	0.34	9.95	0.02	3.45	16.68	1.39	8.73	6.95	0.48
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	0.34	10.11	0.02	2.97	15.23	1.11	7.43	6.60	0.48
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.53	0.33	10.28	0.02	2.48	13.49	0.82	5.92	6.25	0.48
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.42	0.33	10.46	0.02	2.00	11.46	0.54	4.19	5.91	0.48
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.33	10.66	0.02	1.51	9.15	0.26	2.29	5.57	0.48
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.32	10.87	0.02	1.02	6.55	0.00	0.00	5.23	0.47
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.07	0.32	11.09	0.02	0.53	3.70	0.00	0.00	4.90	0.47
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.94	0.30	11.33	0.02	0.05	0.62	0.00	0.00	4.58	0.47

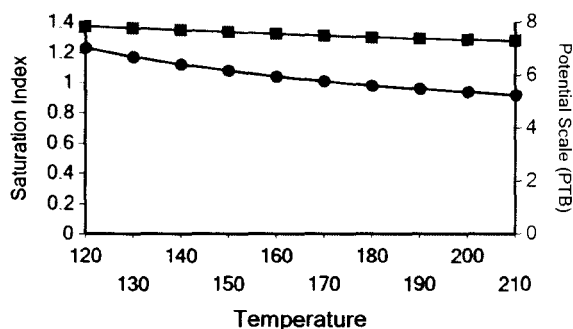
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide Mg Silicate Fe Silicate

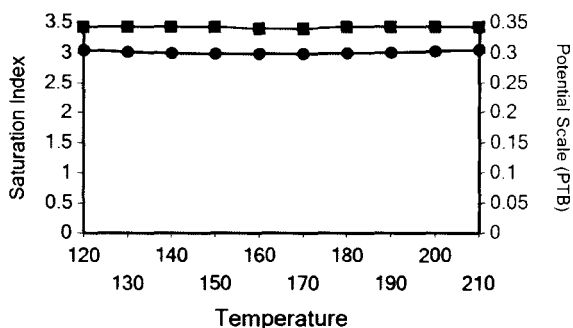
Calcium Carbonate



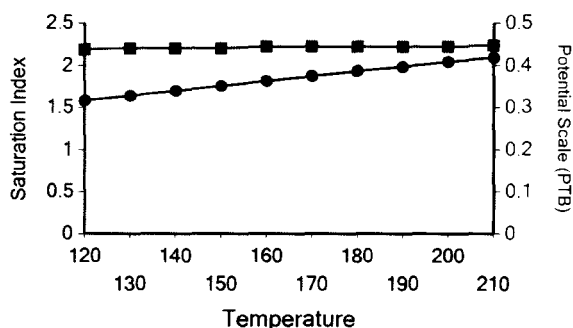
Barium Sulfate



Iron Sulfide

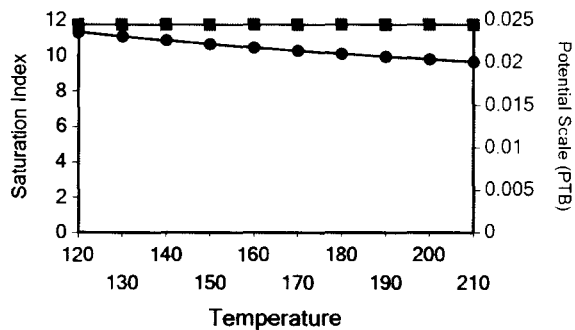


Iron Carbonate

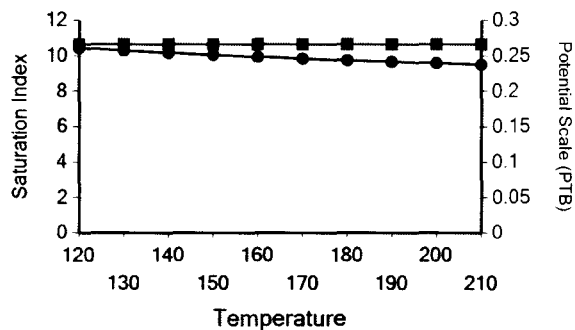


Water Analysis Report

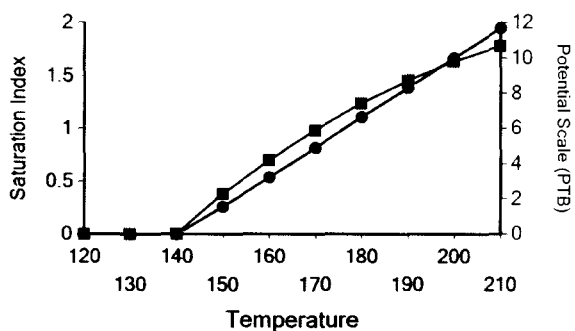
Lead Sulfide



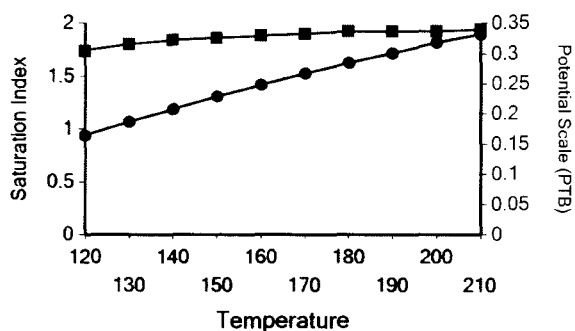
Zinc Sulfide



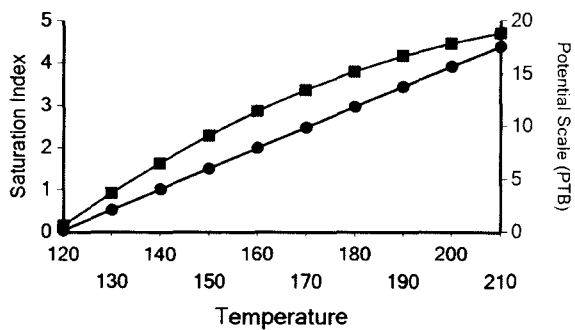
Ca Mg Silicate



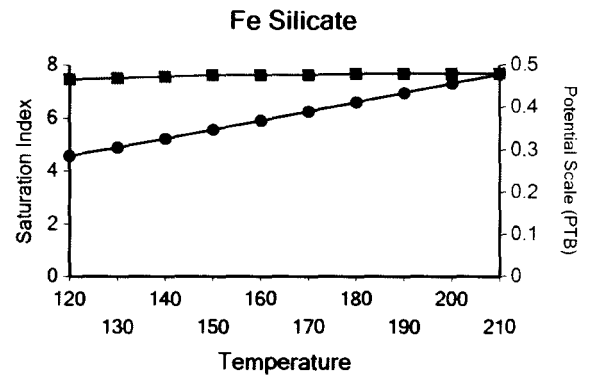
Zinc Carbonate



Mg Silicate



Water Analysis Report





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

August 20, 2014

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: State 16-1-0, Section 16, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-31022

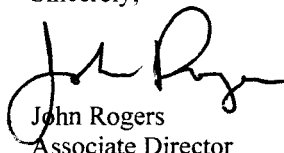
Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing\ tubing pressure test shall be conducted prior to commencing injection.
4. **At the time of conversion, a representative connate water sample shall be obtained from the injection interval for the purpose of laboratory analysis to determine compatibility with the proposed injectate water.**
5. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
6. The top of the injection interval shall be limited to a depth no higher than **4,000** feet in the State 16-1-0 well. The injection top is limited by the cement top in the nearby Castle Peak State 33-16 (43-013-30640) well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,


John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
SITLA
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** State 16-1-O-9-16

Location: 16/9S/16E **API:** 43-013-31022

Ownership Issues: The proposed well is located on State of Utah land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM and the State of Utah. The Federal Government and the State of Utah are the mineral owners within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 250 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,646 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 3,086 feet or higher. A 2 7/8 inch tubing with a packer will be set at 4,034 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (11/5/2015), based on surface locations, there are 5 producing wells, 10 injection wells, and 1 shut-in well (the proposed injection well) in the AOR. One of the producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 directionally drilled producing wells with surface locations outside the AOR and bottom hole locations inside the AOR. There is 1 horizontal producing well with a directional path passing through the AOR. Finally, there is 1 approved surface location outside the AOR from which a directional well will be drilled to a bottom hole location inside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval except the Castle Peak State 33-16 (API# 43-013-30640). Following a cement squeeze in this well, a new CBL was run (6/27/2013), indicating a good cement top at 3,860 feet. To protect this wellbore Newfield will not perforate the Castle Peak 32-16 well above a depth of 4,000 feet (see next paragraph).

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2700 feet. The requested injection interval is between 3,939 feet and 5,575 feet in the Green River Formation. However, the top of acceptable cement bond is at about 3,860 feet in the Castle Peak State 33-16 well (API # 43-013-30640), located within the AOR, approximately 0.2 mile north of the State 16-1-O-9-16 well. This cement top correlates to a depth of approximately 3,900 feet in the 16-1-O-9-16 well. For this reason, it is recommended that the top of the injection interval be permitted no higher than a depth of 4,000 feet in the 16-1-O-9-16 well. Information submitted by Newfield

indicates that the fracture gradient for the 16-1-O-9-16 well is 0.79 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,669 psig. The requested maximum pressure is 1,669 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the State of Utah

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 8/15/2014 (revised 11/5/2015)

4770 S. 5600 W.
P.O. BOX 704005
WEST VALLEY CITY, UTAH 84170
FED.TAX I.D.# 87-0217663
801-204-6910

The Salt Lake Tribune

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Deseret News

WWW.DESERETNEWS.COM

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	RECEIVED	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	MAR 06 2014 DIV OF OIL, GAS & MINING	900	

ACCOUNT NAME			
DIV OF OIL-GAS & MINING,			
TELEPHONE		ADORDER# / INVOICE	
8015385340		0000941195 /	
SCHEDULE			
Start 02/22/2014		End 02/22/2014	
CUST. REF. NO.			
Newfield Cause UIC-418			
CAPTION			
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATU			
SIZE			
96 Lines		2.00 COLUMN	
TIMES		RATE	
3			
MISC. CHARGES		AD CHARGES	
TOTAL COST			
327.56			

**BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418**

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 AND 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 9, 13, 16, 17, 20, 22, AND 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashley Federal 14-25-9-15 well located in SE/4 SW/4, Section 25, Township 9 South, Range 15 East
API 43-013-32912
Ashley Federal 16-25-9-15 well located in SE/4 SE/4, Section 25, Township 9 South, Range 15 East
API 43-013-32951
Ashley Federal 14-26-9-15 well located in SE/4 SW/4, Section 26, Township 9 South, Range 15 East
API 43-013-32907
Ashley Federal 16-26-9-15 well located in SE/4 SE/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
Federal 14-9-9-16 well located in SE/4 SW/4, Section 9, Township 9 South, Range 16 East
API 43-013-33053
South Wells Draw 16-9-9-16 well located in SE/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
Federal 2-13-9-16 well located in NW/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32659
Federal 8-13-9-16 well located in SE/4 NE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32655
Federal 14-13-9-16 well located in SE/4 SW/4, Section 13, Township 9 South, Range 16 East
API 43-013-32649
State 16-1-0 well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30662

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or intervenors should be prepared to demonstrate at the hearing how this matter affects their interests.

AFFIDAVIT OF PUBLICATION

AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT **BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES STATE OF UTAH** **CAUSE NO. UIC-418 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING**, WAS PUBLISHED IN THE SALT LAKE TRIBUNE AND DESERET NEWS, ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH, AND PUBLISHED IN SALT LAKE CITY, UTAH, ON 02/22/2014. NOTICE IS ALSO POSTED ON UTAHLEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAHLEGALS.COM INDEFINATELY. COMPLIES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101, 46-3-104.

Dated this 18th day of February, 2014.
STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/ Brad Hill
Permitting Manager

941195

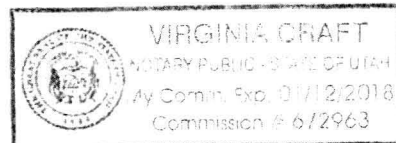
UPAXLP

PUBLISHED ON Start 02/22/2014 End 02/22/2014

SIGNATURE

DATE 2/25/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"
PLEASE PAY FROM BILLING STATEMENT



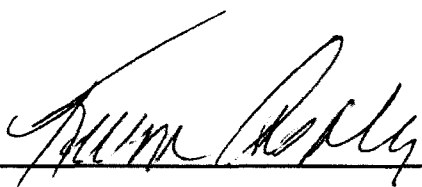
Virginia Craft
NOTARY SIGNATURE

2250/REB/GG/DIC Admin/GF13/6131

AFFIDAVIT OF PUBLICATION

County of Duchesne,
STATE OF UTAH

I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 25 day of February, 20 14, and that the last publication of such notice was in the issue of such newspaper dated the 25 day of February, 20 14, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.




Publisher

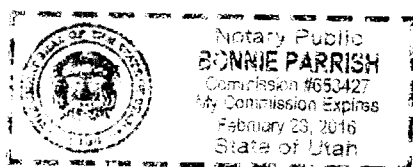
Subscribed and sworn to before me on this

26 day of February, 20 14

by Kevin Ashby.



Notary Public



BEFORE THE DIVISION OF OIL, GAS AND MINING, DEPART- MENT OF NATURAL RESOURCES, STATE OF UTAH, NOTICE OF AGENCY ACTION, CAUSE NO. UIC-418

IN THE MATTER
OF THE APPLICA-
TION OF NEW-
FIELD PRODUC-
TION COMPANY
FOR ADMINISTRA-
TIVE APPROVAL
OF CERTAIN
WELLS LOCATED
IN SECTIONS 25
and 26, TOWNSHIP
9 SOUTH, RANGE
15 EAST, and
SECTIONS 9, 13,
16, 17, 20, 22, and
23, TOWNSHIP 9
SOUTH, RANGE 16
EAST, DUCHESNE
COUNTY, UTAH,
AS CLASS II INJEC-
TION WELLS.

THE STATE OF
UTAH TO ALL PER-
SONS INTERESTED
IN THE ABOVE
ENTITLED MAT-
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Notice is hereby
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to consider the ap-
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1001 17th Street,
Suite 2000, Denver,
Colorado 80202, tele-

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South, Range 15 East
API 43-013-32951
Ashley Federal 14-
26-9-15 well located
in SE/4 SW/4, Sec-
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South, Range 15 East
API 43-013-32907
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in SE/4 SE/4, Section
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API 43-013-32913
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well located in SE/4
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Township 9 South,
Range 16 East
API 43-013-33108
Monument Federal
11-22-9-16Y well lo-
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Section 22, Township

City, UT 84114-5801,
phone number (801)
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ministrative procedur-
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interests.

Dated this 18th day
of February, 2014.

STATE OF UTAH
DIVISION OF
OIL, GAS & MIN-
ING

/s/

Brad Hill
Permitting Man-
ager

Published in the
Utah Basin Stan-
dard February 25, 2014.

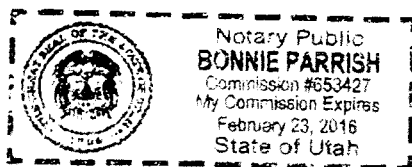
Formation will be
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Brad Hill, Permitting
Manager, at P.O. Box
145801, Salt Lake

26 day of February, 20 14

by Kevin Ashby.

Bonnie Parrish

Notary Public



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Selected zones
in the Green River

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DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

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State 16-1-O well located in SW/4 SE/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
Federal 9-17-9-16 well located in NE/4 SE/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
Federal 10-20-9-16 well located in NW/4 SE/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
Monument Federal 11-22-9-16Y well located in NW/4 NW/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
Federal 7-23 well located in SW/4 NE/4, Section 23, Township 9 South, Range 16 East
API 43-013-30662

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**ASHLEY FEDERAL 14-25-9-15, ASHLEY FEDERAL 16-25-9-15,
ASHLEY FEDERAL 14-26-9-15, ASHLEY FEDERAL 16-26-9-15,
FEDERAL 14-9-9-16, SOUTH WELLS DRAW 16-9-9-16,
FEDERAL 2-13-9-16, FEDERAL 8-13-9-16, FEDERAL 14-13-9-16,
STATE 16-1-O, FEDERAL 9-17-9-16, FEDERAL 10-20-9-16,
MONUMENT FEDERAL 11-22-9-16Y, FEDERAL 7-23.**

Cause No. UIC-418

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

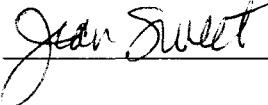
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 20, 2014

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

Re: Notice of Agency Action - Newfield Production Company Cause No. UIC-418

UB Standard Legals <ubslegals@ubmedia.biz>

Thu, Feb 20, 2014 at 3:52 PM

To: Jean Sweet <jsweet@utah.gov>

On 2/20/2014 9:52 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—

Jean Sweet
Executive Secretary
Utah Division of Oil, Gas and Mining
801-538-5329

Received. It will be published Feb. 25.

Thank you.

Cindy



GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

February 20, 2014

Via e-mail naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-418

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Order Confirmation for Ad #0000941195-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210,P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210,P.O. BOX SALT LAKE CITY, UT 84114

Fax	801-359-3940	Ordered By	Acct. Exec
Email	juliecarter@utah.gov	Jean	kstowe

Total Amount	\$327.56	Tear Sheets	Proofs	Affidavits
Payment Amt	\$0.00			
Amount Due	\$327.56	0	0	1
Payment Method		PO Number	Newfield Cause UIC-4	
Confirmation Notes:				
Text:	Jean			

Ad Type	Ad Size	Color
Legal Liner	2.0 X 96 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
Scheduled Date(s):	2/22/2014	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	2/22/2014	

Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-418

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 25 and 26, TOWNSHIP 9 SOUTH, RANGE 15 EAST, and SECTIONS 9, 13, 16, 17, 20, 22, and 23, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:
Ashtley Federal 14-25-9-15 well located in SE 1/4 SW 1/4, Section 25, Township 9 South, Range 15 East
API 43-013-32912
Ashtley Federal 16-25-9-15 well located in SE 1/4 SE 1/4, Section 25, Township 9 South, Range 15 East
API 43-013-32951
Ashtley Federal 14-26-9-15 well located in SE 1/4 SW 1/4, Section 26, Township 9 South, Range 15 East
API 43-013-32907
Ashtley Federal 16-26-9-15 well located in SE 1/4 SE 1/4, Section 26, Township 9 South, Range 15 East
API 43-013-32913
Federal 14-9-9-16 well located in SE 1/4 SW 1/4, Section 9, Township 9 South, Range 16 East
API 43-013-33053
South Wells Draw 16-9-9-16 well located in SE 1/4 SE 1/4, Section 9, Township 9 South, Range 16 East
API 43-013-32044
Federal 2-13-9-16 well located in NW 1/4 NE 1/4, Section 13, Township 9 South, Range 16 East
API 43-013-32659
Federal 8-13-9-16 well located in SE 1/4 NE 1/4, Section 13, Township 9 South, Range 16 East
API 43-013-32655
Federal 14-13-9-16 well located in SE 1/4 SW 1/4, Section 13, Township 9 South, Range 16 East
API 43-013-32649
State 16-1-0 well located in SW 1/4 SE 1/4, Section 16, Township 9 South, Range 16 East
API 43-013-31022
Federal 9-17-9-16 well located in NE 1/4 SE 1/4, Section 17, Township 9 South, Range 16 East
API 43-013-33032
Federal 10-20-9-16 well located in NW 1/4 SE 1/4, Section 20, Township 9 South, Range 16 East
API 43-013-33108
Monument Federal 11-22-9-16 well located in NW 1/4 NW 1/4, Section 22, Township 9 South, Range 16 East
API 43-013-31647
Federal 7-23 well located in SW 1/4 NE 1/4, Section 23, Township 9 South, Range 16 East
API 43-013-30662

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Greer River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 18th day of February, 2014.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING
/s/
Brad Hill
Permitting Manager

941195

UPAXIP

NEWFIELD



Newfield Exploration Company

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

February 7, 2014

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RECEIVED

FEB 11 2014

RE: Permit Application for Water Injection Well
State #16-1-O-9-16
Monument Butte Field, Lease #ML-16532
Section 16-Township 9S-Range 16E
Duchesne County, Utah

DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the State #16-1-O-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L. Loyle
Regulatory Associate

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
STATE #16-1-O-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #ML-16532
FEBRUARY 7, 2014

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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: State #16-1-O-9-16
Field or Unit name: Monument Butte (Green River) Lease No. ML-16532
Well Location: QQ SWSE section 16 township 9S range 16E county Duchesne

Is this application for expansion of an existing project? Yes ☒ No ☐

Will the proposed well be used for: Enhanced Recovery? Yes ☒ No ☐

Disposal? Yes ☐ No ☒

Storage? Yes ☐ No ☒

Is this application for a new well to be drilled? Yes ☐ No ☒

If this application is for an existing well,
has a casing test been performed on the well? Yes ☐ No ☒

Date of test: _____


API number: 43-013-31022

Proposed injection interval: from 3939 to 5575
Proposed maximum injection: rate 500 bpd pressure 1669 psig
Proposed injection zone contains ☒ oil, ☐ gas, and/or ☐ fresh water within 1/2
mile of the well.

IMPORTANT: Additional information as required by R615-5-2 should
accompany this form.

List of Attachments: Attachments "A" through "H-1"

I certify that this report is true and complete to the best of my knowledge.

Name: Jill L Loyle Signature 
Title Regulatory Associate Date 12/7/14
Phone No. (303)383-4135

(State use only)

Application approved by _____ Title _____

Approval Date _____

Comments:

Spud Date: 01/04/85
 Put on Production: 03/23/85
 GL: 5927' KB: 5941'

State 16-1-O-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: ?
 WEIGHT: 24#
 LENGTH: 250'
 DEPTH LANDED: 250' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 250 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 148 jnts
 DEPTH LANDED: 5646'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 275 sxs High Left & 485 sxs Class "G"
 CEMENT TOP AT: <1000' per CBL 3/5/85

TUBING (GI 11/7/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 170 jts (5343.80')
 TUBING ANCHOR: 5359.8'
 NO. OF JOINTS: 2 jts (61.22')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5424.82'
 NO. OF JOINTS: 1 (31.57')
 GAS ANCHOR: 2-7/8" (5.33')
 NO OF JOINTS: 2 (63.89')
 PBGA: 0.74'
 TOTAL STRING LENGTH: EOT @ 5527.45'

FRAC JOB

3/9/85	5530-5548'	Frac'd with: 80000# 20/40 sand in 761 bbls gelled water
3/13/85	5060-5078'	Frac'd with: 50000# 20/40 sand in gelled water
3/16/85	4722-4744'	Frac'd with: 500000# 20/40 sand in 481 bbls gelled water
11/14/11	5486-5550'	Frac'd CP1 sands with: 38960# 20/40 sand in 312 bbls Lightning 17
11/19/11	5070-5080'	Frac'd A1 sands with: 48942# 20/40 sand in 392 bbls Lightning 17
11/19/11	4746-4748'	Frac'd D3 sands with: 34173# 20/40 sand in 283 bbls Lightning 17
11/21/11	4628-4638'	Frac'd D1 sands with: 34603# 20/40 sand in 283 bbls Lightning 17
11/21/11	4084-4135'	Frac'd GB4&GB6 sands with: 30474# 20/40 sand in 247 bbls Lightning 17

TOC < 1000'

Packer @ 4034'

4084-4086'

4132-4135'

4628-4638'

4722 - 4744'

4746-4748'

5060 - 5078'

5070-5080'

5486-5488'

5530'-5548'

5547-5550'

PBTD @ 5575'

TD @ 5650'

PERFORATION RECORD

5530-5548'	4 JSPF	72 Holes
5060-5078'	4 JSPF	72 Holes
4722-4744'	4 JSPF	88 Holes
5547-5550'	3 JSPF	9 Holes
5486-5488'	3 JSPF	6 Holes
5070-5080'	3 JSPF	30 Holes
4746-4748'	3 JSPF	6 Holes
4628-4638'	3 JSPF	30 Holes
4132-4135'	3 JSPF	9 Holes
4084-4086'	3 JSPF	6 Holes

NEWFIELD

State 16-1-0

755' FSL & 2110' FEL

SW/SE Section 16-T9S-R16E

Duchesne County, Utah

API #43-013-31022; Lease #ML-16532

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

2.1 The name and address of the operator of the project.

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.

See Attachment A.

2.3 A full description of the particular operation for approval is requested.

Approval is requested to convert the State #16-1-O-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

2.4 A description of the pools from which the identified wells are producing or have produced.

The proposed injection well will inject into the Green River Formation.

2.5 The names, description and depth of the pool or pools to be affected.

The injection zone is in the Green River Formation. For the State #16-1-O-9-16 well, the proposed injection zone is from Garden Gulch to Castle Peak (3939' - 5575'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3618' and the TD is at 5650'.

2.6 A copy of a log of a representative well completed in the pool.

The referenced log for the State #16-1-O-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a State lease (Lease #ML-16532) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**

- 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.

- 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.

- 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.

- 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 250' KB, and 5-1/2", 15.5# casing run from surface to 5646' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.

- 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.

- 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

2.8 The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1669 psig.

2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.

The minimum fracture gradient for the State #16-1-O-9-16, for existing perforations (4084' - 5550') calculates at 0.79 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1669 psig. We may add additional perforations between 3618' and 5650'. See Attachments G and G-1.

2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.

In the State #16-1-O-9-16, the proposed injection zone (3939' - 5575') is in the Garden Gulch to the Castle Peak of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.

See Attachments E through E-12.

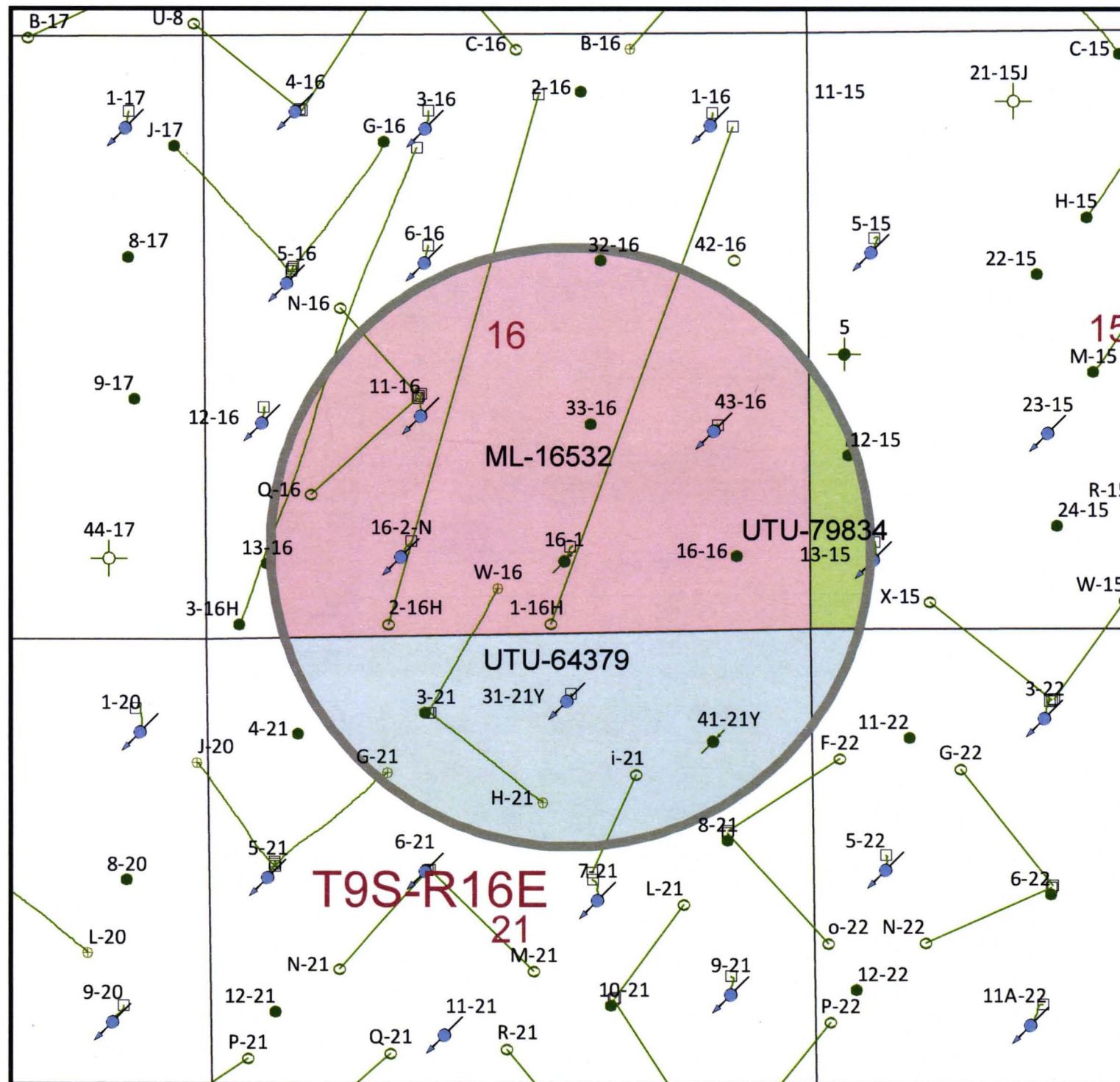
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.

See Attachment C.

2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.

Newfield Production Company will supply any requested information to the Board or Division.



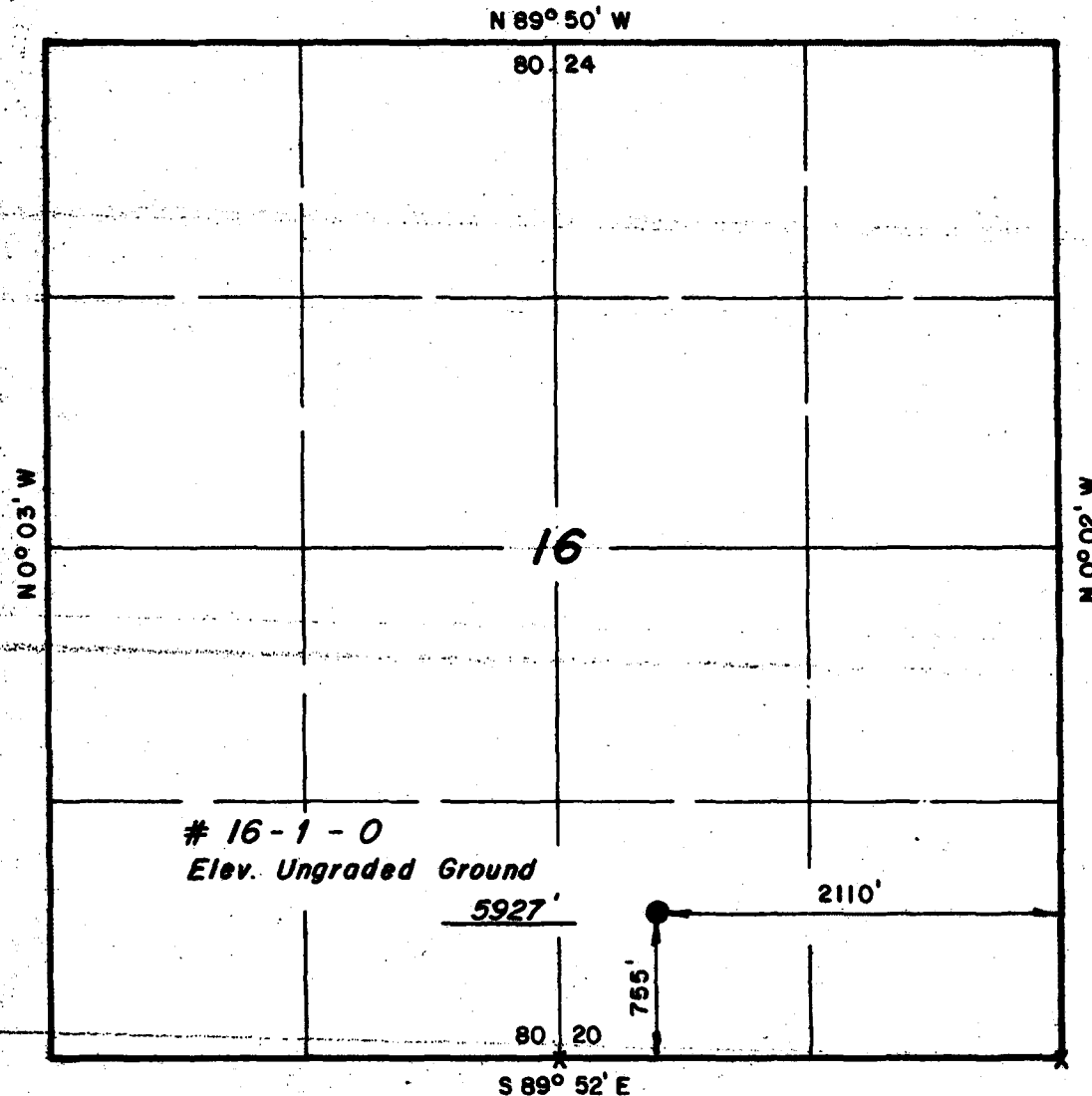
ATTACHMENT A-1

PROJECT

ALTA ENERGY CORP.

T 9 S, R 16 E, S.L.B. & M.

Well location, # 16-1-0, located as shown in the SW 1/4 SE 1/4 Section 16, T 9 S, R 16 E, S.L.B. & M. Duchesne County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Nelson Knudsen

REGISTERED LAND SURVEYOR
REGISTRATION NO 2454
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 11/1/84
PARTY G.S.	REFERENCES GLO Plat
WEATHER Fair	FILE ALTA

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 16: ALL	State of Utah ML 16532 HBP	QEP Energy Company El Paso E&P Company, LP Isramco Resources Inc Brave River Production Santa Fe Snyder Corporation Santa Fe Snyder Corporation Oxy USA Inc MYCO Industries Inc ABO Petroleum Corporation Yates Petroleum Corporation Newfield RMI LLC Newfield Production Company	State of Utah
2	T9S-R16E SLM Section 8: SWNE, SE Section 9: SWSW Section 17: NE Section 18: E2SW, SE, LOTS 3,4 Section 19: NE, E2NW, LOTS 1,2 Section 21: N2 Section 22: W2NE, SENE, NW	USA UTU-64379 HBP	Newfield Production Company Newfield RMI LLC Yates Petroleum Corp	USA
3	T9S-R16E SLM Section 15: W2W2	USA UTU-79834 HBP	Newfield Production Company Newfield RMI LLC	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
State #16-1-O-9-16

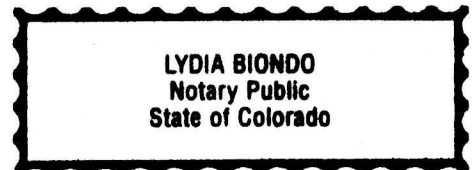
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: 
Newfield Production Company
Jill L. Loyle
Regulatory Associate

Sworn to and subscribed before me this 7th day of February, 2014.

Notary Public in and for the State of Colorado: 

My Commission Expires: 12/31/15



State 16-1-O-9-16

Spud Date: 01/04/85
Put on Production: 03/23/85
GL: 5927' KB: 5941'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: ?
WEIGHT: 24#
LENGTH: 250'
DEPTH LANDED: 250' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 250 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jnts
DEPTH LANDED: 5646'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs High Left & 485 sxs Class "G"
CEMENT TOP AT: <1000' per CBL 3/5/85

TUBING (GI 11/7/11)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 170 jts (5343.80')
TUBING ANCHOR: 5359.8'
NO. OF JOINTS: 2 jts (61.22')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5424.82'
NO. OF JOINTS: 1 (31.57')
GAS ANCHOR: 2-7/8" (5.33')
NO OF JOINTS: 2 (63.89')
PBGA: 0.74'
TOTAL STRING LENGTH: EOT @ 5527.45'

SUCKER RODS (GI 12/15/11)

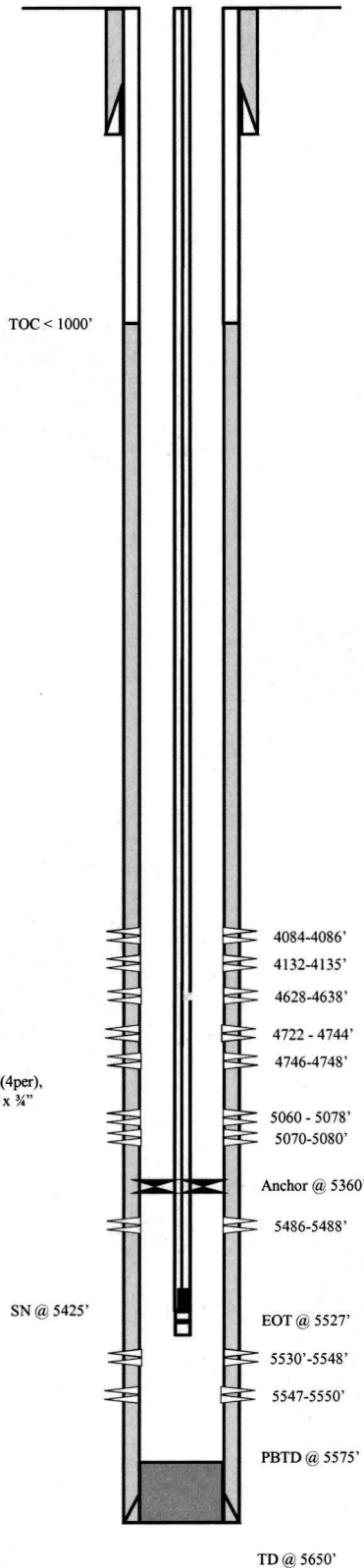
POLISHED ROD: 1-1/2" x 22' SM
SUCKER RODS: 2', 4', 4', 8 x 7/8" pony rods, 10 x 7/8" guided rods(4per), 123 x 3/4" sucker rods, 15 x 3/4" guided rods, 21 x 3/4" sucker rods, 39 x 3/4" guided rods(4per), 5 x 1" stabilizer bars, 5 x 1-1/2" sinker bars
PUMP SIZE: 2-1/2" x 1-1/2" x 16' x 20' RHAC
STROKE LENGTH: 84"
PUMP SPEED, SPM: 4
PUMPING UNIT: LUFKIN C-320-250-84

FRAC JOB

3/9/85	5530-5548'	Frac'd with: 80000# 20/40 sand in 761 bbls gelled water
3/13/85	5060-5078'	Frac'd with: 50000# 20/40 sand in gelled water
3/16/85	4722-4744'	Frac'd with: 500000# 20/40 sand in 481 bbls gelled water
11/14/11	5486-5550'	Frac'd CP1 sands with: 38960# 20/40 sand in 312 bbls Lightning 17
11/19/11	5070-5080'	Frac'd A1 sands with: 48942# 20/40 sand in 392 bbls Lightning 17
11/19/11	4746-4748'	Frac'd D3 sands with: 34173# 20/40 sand in 283 bbls Lightning 17
11/21/11	4628-4638'	Frac'd D1 sands with: 34603# 20/40 sand in 283 bbls Lightning 17
11/21/11	4084-4135'	Frac'd GB4&GB6 sands with: 30474# 20/40 sand in 247 bbls Lightning 17

PERFORATION RECORD

5530-5548'	4 JSPF	72 Holes
5060-5078'	4 JSPF	72 Holes
4722-4744'	4 JSPF	88 Holes
5547-5550'	3 JSPF	9 Holes
5486-5488'	3 JSPF	6 Holes
5070-5080'	3 JSPF	30 Holes
4746-4748'	3 JSPF	6 Holes
4628-4638'	3 JSPF	30 Holes
4132-4135'	3 JSPF	9 Holes
4084-4086'	3 JSPF	6 Holes



NEWFIELD

State 16-1-0

755' FSL & 2110' FEL

SW/SE Section 16-T9S-R16E

Duchesne County, Utah

API #43-013-31022; Lease #ML-16532

Spud Date: 10-4-85

Put on Production: 11-15-85

State 16-2N-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 254'
 DEPTH LANDED: 276'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 185 sxs

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5631'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 200 SXS "Hi-fill" & 400 sxs "G" + 2% CaCl.
 TOP OF CEMENT: 1080'

TUBING

SIZE/GRADE/WT.: 2-7/8" / N-80 / 6.5#
 NO. OF JOINTS: 101 jts. (3203.8')
 SIZE/GRADE/WT.: 2-7/8" / L-80 / 6.5#
 NO. OF JOINTS: 44 jts. (1400.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4618.6' KB
 ON/OFF TOOL AT: 4619.7'
 X/N NIPPLE AT: 4621.2'
 ARROW #1 PACKER CE AT: 4624'
 XO 2-3/8 x 2-7/8 J-55 AT: 4628.5'
 X/N NIPPLE AT: 4629.0'
 TOTAL STRING LENGTH: EOT @ 4631'

Casing Shoe @ 276'

TOC @ 1080'

SN @ 4619'

On Off Tool @ 4620'

Packer @ 4624'

X/N Nipple @ 4629'
 EOT @ 4631'

4632-4634'

4637-4640'

4664-4668'

4671-4673'

4675-4677'

4850-4868'

5022-5057'

5516-5532'

PBTD @ 5578'

TD @ 5657'

FRAC JOB

11/03/1985 5516-5532' Frac with 60000# 16/30 40# gel.
 11/03/1985 5022-5057' Frac with 60000# 20/40 sand 40# gel
 11/03/1985 4850-4868' Frac with 45000# 20/40 sand
 2/20/09 Tubing leak. Updated rod & tubing details
 11/27/12 4632-4677' **Frac D1 & D2 sands as follows:** 40694#
 20/40 sand in 541 bbls Lightning 17 frac
 fluid.
 12/03/12 **Convert to Injection Well**
 12/04/12 **Conversion MIT Finalized** - update tbg
 detail

PERFORATION RECORD

5516-5532'	2 JSPF	9 holes
5022-5057'	2 JSPF	8 holes
4850-4868'	2 JSPF	6 holes
4675-4677'	3 JSPF	6 holes 11/27/12
4671-4673'	3 JSPF	6 holes 11/27/12
4664-4668'	3 JSPF	6 holes 11/27/12
4637-4640'	3 JSPF	6 holes 11/27/12
4632-4634'	3 JSPF	6 holes 11/27/12

NEWFIELD

State 16-2N-9-16
 1836' FWL & 801' FSL
 SE/SW Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-31094; Lease #ML-16532

Spud Date: 07-16-08
 Put on Production: 08-27-08
 GL: 5907' KB: 5919'

State 11-16-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 10 jts. (403.45')
 DEPTH LANDED: 413.45'
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 218 sxs Class "G" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 139 jts. (5809.54')
 HOLE SIZE: 7-7/8"
 DEPTH LANDED: 5822.14'
 CEMENT DATA: 300 sk Prem. Lite II mixed & 400 sxs 50/50 POZ.
 CEMENT TOP AT: 40'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 133 jts (4082')
 SEATING NIPPLE: 2-7/8" N-80 (1.10')
 SN LANDED AT: 4094' KB
 RET TOOL N-80 AT: 4095.1'
 ARROW #1 PACKER CE AT: 4101.4'
 XO 2-3/8 x 2-7/8 J-55 AT: 4105.1'
 TBG PUP 2-3/8 J-55 AT: 4105.6'
 X/N NIPPLE AT: 4109.7'
 TOTAL STRING LENGTH: EOT @ 4111.27'

FRAC JOB

08-18-08 5528-5550' **Frac CP1 sands as follows:**
 Frac with 85230 #'s of 20/40 sand in 662 bbls of Lightning 17 fluid. Treat at an ave pressure of 1430 psi @ 23.3 BPM. ISIP 1935 psi.

08-18-08 5174-5188' **Frac LODC sands as follows:**
 Frac with 35330 #'s of 20/40 sand in 371 bbls of Lightning 17 fluid. Treat at an ave pressure of 3100 psi @ 20.1 BPM. ISIP 4026 psi.

08-18-08 5050-5092' **Frac A1 sands as follows:**
 Frac with 84924 #'s of 20/40 sand in 701 bbls Lightning 17 fluid. Treat at an ave pressure of 1705 psi @ 23.2 BPM. ISIP 2112 psi.

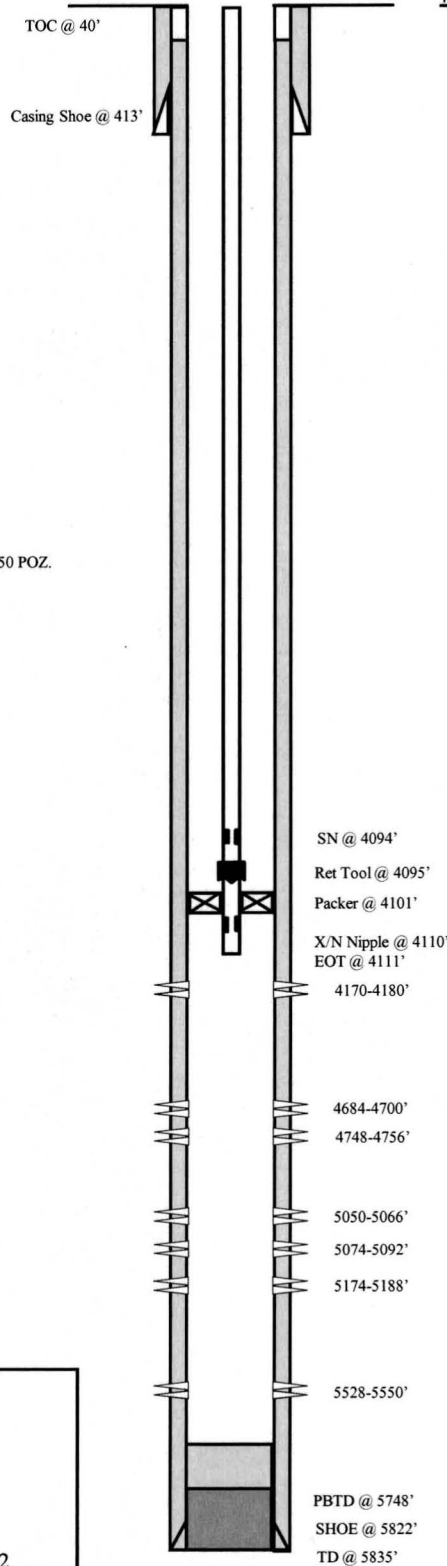
08-18-08 4684-4756' **Frac D2 & D3 sands as follows:**
 Frac with 50386 #'s of 20/40 sand in 440 bbls of Lightning 17 fluid. Treat at an ave pressure of 1826 psi @ 23.1 BPM. ISIP 2101 psi.

08-18-08 4170-4180' **Frac GB6 sands as follows:**
 Frac with 39122 #'s of 20/40 sand in 370 bbls of Lightning 17 fluid. Treat at an ave pressure of 1873 psi @ 23.1 BPM. ISIP 1993 psi.

9/10/08 **Pump Change.** Updated rod & tubing details.

07/16/13 **Convert to Injection Well**

07/17/13 **Conversion MIT Finalized** – update thg detail

**NEWFIELD**

State 11-16-9-16
 2129' FSL & 1899' FWL
 NESW Section 16-T9S-R16E
 Duchesne Co, Utah
 API #43-013-33851; Lease # ML-16532

PERFORATION RECORD

4170-4180'	4 JSPF	40 holes
4684-4700'	4 JSPF	64 holes
4748-4756'	4 JSPF	32 holes
5050-5066'	4 JSPF	64 holes
5074-5092'	4 JSPF	72 holes
5174-5188'	4 JSPF	56 holes
5528-5550'	4 JSPF	88 holes

NEWFIELD

Schematic

43.013-33854

Well Name: State 16-16-9-16

Surface Legal Location 16-9S-16E	API/UWI 43013338540000	Well RC 500200169	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 5/3/2008	Rig Release Date 5/25/2008	On Production Date 6/23/2008	Original KB Elevation (ft) 5,891	Ground Elevation (ft) 5,879	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,686.2

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 8/26/2014	Job End Date 9/2/2014
---------------------------------------	--------------------------------	---------------------------	-----------------------------	--------------------------

TD: 5,740.0

Vertical - Original Hole, 9/8/2014 10:42:35 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°...	
12.1				6-1; Stretch Correction; 2 7/8; 2.441; 12-13; 1.40
13.5				1; Surface; 8 5/8 in; 8.097 in; 12-316 ftKB; 303.64 ft
314.6				6-2; Tubing; 2 7/8; 2.441; 13-4,559; 4,545.75
315.6				6-3; Pump Seating Nipple; 2 7/8; 2.250; 4,559-4,560; 1.10
319.9				6-4; On-Off Tool; 2 7/8; 2.441; 4,560-4,562; 1.94
3,000.0				6-5; Packer; 5 1/2; 4.950; 4,562-4,569; 7.03
3,775.9				6-6; Cross Over; 2 7/8; 1.991; 4,569-4,570; 0.55
3,782.5				6-7; Tubing Pup Joint; 2 3/8; 1.991; 4,570-4,574; 4.15
4,559.1				6-8; Profile Nipple; 2 3/8; 1.875; 4,574-4,575; 1.10
4,560.4				6-9; Wireline Guide; 2 3/8; 1.991; 4,575-4,575; 0.42
4,562.3				Perforated; 4,612-4,620; 6/16/2008
4,569.2				Perforated; 4,806-4,815; 6/16/2008
4,569.9				Perforated; 4,956-4,966; 6/16/2008
4,573.8				Perforated; 5,052-5,060; 8/27/2014
4,575.1				Perforated; 5,466-5,492; 6/11/2008
4,575.5				
4,611.9				
4,620.1				
4,806.1				
4,815.0				
4,956.0				
4,965.9				
5,051.8				
5,060.0				
5,465.9				
5,492.1				
5,684.1				
5,684.7				
5,686.0				
5,731.6				
5,732.3				2; Production; 5 1/2 in; 4.950 in; 12-5,732 ftKB; 5,720.42 ft
5,740.2				

NEWFIELD

Schematic

Well Name: Castle PK 33-16-9-16

43-013-30640

Surface Legal Location 16-9S-16E	API/UWI 43013306400000	Well RC 500198639	Lease	State/Province Utah	Field Name GMBU CTB5	County DUCHESNE
Spud Date 2/22/1982	Rig Release Date 3/25/1982	On Production Date 5/27/1982	Original KB Elevation (ft) 5,892	Ground Elevation (ft) 5,882	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,567.1

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 4/29/2014	Job End Date 5/6/2014
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TD: 5,608.0

Vertical - Original Hole, 5/14/2014 7:42:44 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
9.8			DLS (° ...	
241.5				
242.5				1; Surface; 8 5/8 in; 8.097 in; 10-242 ftKB; 232.48 ft
3,779.9				4-1; Tubing; 2 7/8; 2.441; 10-4,222; 4,211.95
4,222.1				4-2; Pump Seating Nipple; 2 7/8; 2.250; 4,222-4,223; 1.10
4,223.1				4-3; On-Off Tool; 4 1/2; 2.441; 4,223-4,225; 1.94
4,225.1				4-4; Packer; 4.95; 2.441; 4,225-4,232; 7.03
4,232.0				4-5; Cross Over; 2 7/8; 1.991; 4,232-4,233; 0.55
4,232.6				4-6; Tubing Pup Joint; 2 3/8; 1.991; 4,233-4,237; 4.15
4,236.9				4-7; Nipple; 2 3/8; 1.875; 4,237-4,238; 1.10
4,237.9				4-8; Wireline Guide; 2 3/8; 1.991; 4,238-4,238; 0.42
4,238.2				
4,270.0				Perforated; 4,270-4,290; 4/27/1982
4,290.0				
4,299.9				
4,305.1				
4,324.1				Perforated; 4,324-4,325; 4/24/1982
4,325.1				
4,430.1				
4,432.1				Perforated; 4,432-4,460; 4/22/1982
4,460.0				
4,478.0				
4,694.9				Perforated; 4,695-4,696; 5/1/2014
4,695.9				
4,702.1				Perforated; 4,702-4,704; 5/1/2014
4,704.1				
4,751.0				Perforated; 4,751-4,754; 5/1/2014
4,753.9				
5,042.0				Perforated; 5,042-5,062; 4/21/1982
5,062.0				
5,474.1				Perforated; 5,474-5,480; 4/17/1982
5,480.0				
5,490.2				Perforated; 5,490-5,514; 4/17/1982
5,514.1				
5,518.0				Perforated; 5,518-5,522; 4/17/1982
5,522.0				
5,548.9				
5,567.3				
5,567.9				
5,607.3				
5,607.9				2; Production; 5 1/2 in; 4.950 in; 10-5,608 ftKB; 5,598.00 ft

Castle Peak State 43-16-9-16

Spud Date: 10/20/81
 Put on Production: 5/06/82
 GL: 5882' KB: 5892'

Initial Production: 90 BOPD,
 TSTM MCFD, 10 BWPD

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 9-5/8"
 GRADE: J-55
 WEIGHT: 36#
 LENGTH: 235'
 DEPTH LANDED: 245' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 200 sxs cement.

PRODUCTION CASING

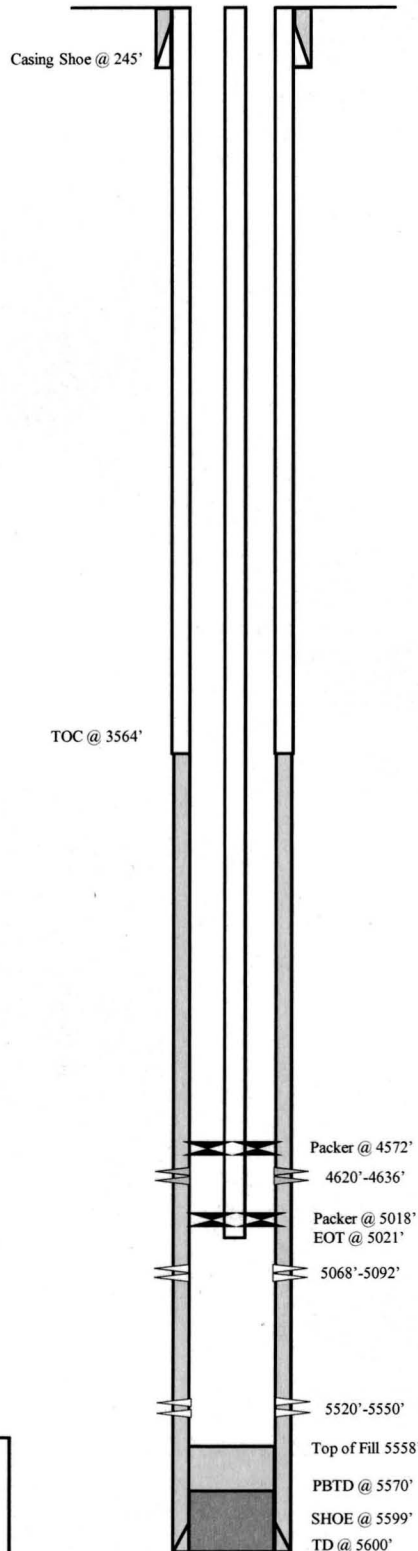
CSG SIZE: 5-1/2"
 GRADE: K-55
 WEIGHT: 15.5#
 LENGTH: 5590'
 DEPTH LANDED: 5598.78' KB
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 450 sxs cement.
 CEMENT TOP AT: 3564'

TUBING

SIZE/GRADE/WT.: 2-3/8" / J-55 / 4.7#
 NO. OF JOINTS: 1 jt (31.4')
 TUBING PUP: 2-3/8" / N-80 / 4.7# 1 jt (8.0')
 ON/OFF TOOL: 1 jt 4-1/2" (1.4')
 ARROW PKR: CE @ 4572.43'
 TUBING:: 2-3/8" / N-80 / 4.7# 14 jt (438.0')
 X/N NIPPLE: 2-3/8" / J-55 / 4.7# (1.2)
 2-7/8 x 2-3/8 XO: (0.5)
 SEAL NIPPLE: 3.875 / J-55 / 6.5# (0.3)
 ARROW PKR: @ 5018'
 EOT @ 5021.34'

FRAC JOB

5520'-5550'	Frac w/ 60,000# sand.
5068'-5092'	Frac w/ 48,000# sand.
4620'-4636'	Frac w/ 48,000# sand.
6/26/92	Hole in tubing. Update rod and tubing details.
5/27/04	Tubing leak. Update rod and tubing details.
9/22/04	Tubing leak. Update rod and tubing details.
7-26-05	Pump Change: Update tubing and rod details
8/24/07	Parted rods. Updated rod & tubing details.
03/11/08	Tbg Leak Updated rod and tubing detail
10-29-08	Pump Change. Updated rod & tubing details.
6/8/09	Tubing Leak. Updated r & t details.
05/25/11	Temporary Abandonment
06/13/11	MIT for TA
05/17/12	Convert to Injection Well
05/22/12	Conversion MIT Finalized – update tbg detail

PERFORATION RECORD

4620'-4636'	2 SPF	34 holes
5068'-5092'	2 SPF	50 holes
5520'-5550'	2 SPF	60 holes



Castle Peak State 43-16-9-16
 1820' FSL & 820' FEL
 NE/SE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30594; Lease #ML-16532

Spud Date: 3/26/82

Put on Production: 9/8/82

GL: 5825' KB: 5835'

Castle Peak 32-16-9-16

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: K-55

WEIGHT: 24#

LENGTH: 6 jts (214' FC)

DEPTH LANDED: 255' Shoe

HOLE SIZE: 12-1/4"

CEMENT DATA: 200 sxs Class "G", circ. 60 sxs to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: K-55

WEIGHT: 15.5#

LENGTH: 141 jts (5561' FC)

DEPTH LANDED: 5650' Shoe

HOLE SIZE: 7-7/8"

CEMENT DATA: 260 sx 50/50 poz,

CEMENT TOP: 4480' per CBL 8/5/82

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 149 jts (4625.3')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4637.3' KB

ON/OFF TOOL AT: 4638.4'

ARROW #1 PACKER CE AT: 4644'

XO 2-3/8 x 2-7/8 J-55 AT: 4647.9'

TBG PUP 2-3/8 J-55 AT: 4648.4'

X/N NIPPLE AT: 4652.5'

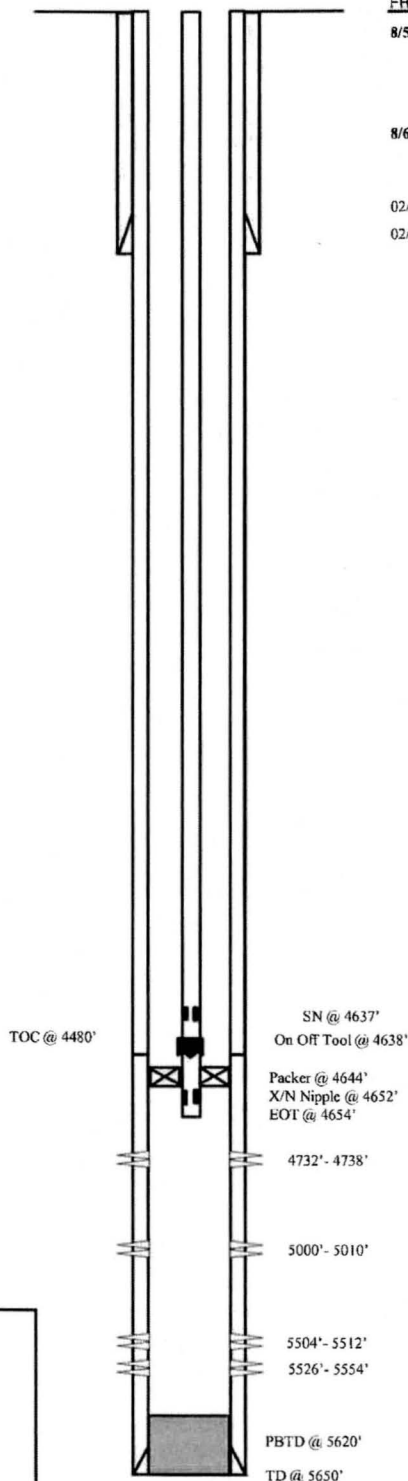
TOTAL STRING LENGTH: EOT @ 4654.14'

FRAC JOB

8/5/82	5504-5512', 5526-5554'	Acidized w/2000 gal. 15% HCl w/1000 gal. terasperse, 20 gal. FE-1A & 4 gal. HAL-75 inhibitor. Fraced w/42000 gal. VER-1400 gelled H2O w/62500# 20/40 sand & 10000# 10/20 sand.
8/6/82	5000-5010', 4732-4738'	Fraced w/25000 gal. VER-1400 gelled H2O w/28000# of 20/40 sand & 10000# of 10/20 sand.
02/07/14		Convert to Injection Well
02/07/14		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

8/6/82	4732-4738'	2 JSPF	12 holes
8/6/82	5000-5010'	2 JSPF	20 holes
8/5/82	5504-5512'	2 JSPF	16 holes
8/5/82	5526-5554'	2 JSPF	28 holes

**NEWFIELD**

Castle Peak State 32-16-9-16
 2009' FNL & 1838' FEL
 SW/NE Section 16-T9S-R16E
 Duchesne County, Utah
 API #43-013-30650; Lease #ML-16532

Federal 3-21-9-16

Spud Date: 10-24-06

Put on Production: 12-7-06

GL: 5975' KB: 5987'

Injection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts (310.86')

DEPTH LANDED: 322.71' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 2 bbls cmt to surf.

Cement top @ 90'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 134 jts (5839.32')

DEPTH LANDED: 5852.57' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

CEMENT TOP AT: 90'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 149 jts (4793.4')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4805.4' KB

ON/OFF TOOL AT: 4806.5'

"X" SEAL NIPPLE 1-7/8" @ 4807.9'

ARROW #1 PACKER CE AT: 4811.54'

XO 2-3/8 x 2-7/8 J-55 AT: 4815.2'

TBG PUP 2-3/8 J-55 AT: 4815.7'

X/N NIPPLE AT: 4819.8'

TOTAL STRING LENGTH: EOT @ 4821.37'

FRAC JOB

11-30-06	5742-5755'	Frac CP4 sands as follows: 29540# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2075 psi w/avg rate of 24.9 BPM. ISIP 2100 psi. Calc flush: 5740 gal. Actual flush: 5233 gal.
12-01-06	5500-5523'	Frac CP1 sands as follows: 89095# 20/40 sand in 713 bbls Lightning 17 frac fluid. Treated @ avg press of 1762 psi w/avg rate of 24.8 BPM. ISIP 1830 psi. Calc flush: 5498 gal. Actual flush: 4994 gal.
12-01-06	5194-5232'	Frac LODC sands as follows: 126238# 20/40 sand in 886 bbls Lightning 17 frac fluid. Treated @ avg press of 2565 psi w/avg rate of 24.7 BPM. ISIP 2450 psi. Calc flush: 5192 gal. Actual flush: 4675 gal.
12-01-06	4984-5002'	Frac A1 sands as follows: 18951# 20/40 sand in 288 bbls Lightning 17 frac fluid. Treated @ avg press of 2110 w/ avg rate of 24.9 BPM. ISIP 2130 psi. Calc flush: 4982 gal. Actual flush: 4519 gal.
12-01-06	4876-4881'	Frac B2 sands as follows: 12667# 20/40 sand in 262 bbls Lightning 17 frac fluid. Treated @ avg press of 2135 w/ avg rate of 25.0 BPM. ISIP 1710 psi. Calc flush: 4874 gal. Actual flush: 4788 gal.
03/10/07		Pump Change. Update rod and tubing details.
12/19/08		Tubing Leak. Updated rod & tubing details.
09/08/08		Parted Rods. Updated rod & tubing details.
02/06/14		Convert to Injection Well
02/07/14		Conversion MIT Finalized - update tbg detail

PERFORATION RECORD

11-27-06	5742-5755'	4 JSPF	52 holes
11-30-06	5500-5523'	4 JSPF	92 holes
12-01-06	5212-5232'	4 JSPF	80 holes
12-01-06	5194-5205'	4 JSPF	44 holes
12-01-06	4984-5002'	4 JSPF	72 holes
12-01-06	4876-4881'	4 JSPF	20 holes

SN @ 4805'
On Off Tool @ 4806'Packer @ 4811'
X/N Nipple @ 4820'
EOT @ 4821'

4876-4881'

4984-5002'

5194-5205'

5212-5232'

5500-5523'

5742-5755'

PBTD @ 5806'

SHOE @ 5852'

TD @ 5965'

NEWFIELD**Federal 3-21-9-16**

774' FNL & 1909' FWL

NE/NW Section 21-T9S-R16E

Duchesne Co, Utah

API # 43-013-33019; Lease # UTU-64379

LCN 02/13/14

Monument Federal 31-21-9-16Y

Put on Production: 3-1-97

Injection Wellbore
DiagramSURFACE CASING

Surface Casing 0' 260' 8 5/8" 24 J55 Casing Shoe @ 260'

150 sacks class "G" with 2% CaCl and 1/4 lb/sack Flocele.
(Cement will be circulated to surface.)

PRODUCTION CASING

Production Casing 0' 5650' 5 1/2" 15.50 J55

205 sacks 28:72 Poz. (28% POZ: 72% Class "C") with 10% Gel, 6.0 lbs/sk KOL SEAL & 1/4 pps Cello Flake. (Wt.=11.09 ppg, Yd =3.30 Cu.Ft/Sk Comp. Stght @ 72 Hrs=575) Tailed with 400 sacks 50:50 POZ (50% POZ: 50% Class "G") with 2% Gel, 0.3% FL-S2, 1/4 pps Cello Flakes & 2.0 pps KOL SEAL. (Wt.=14.30 ppg, Yd=1.25 Ft.Cu./Sk, Comp Stght @ 75 Hrs=2700)
(Actual cement volumes to be calculated from caliper log with cement top at 2000')

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 147 jts (4552.8')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4562.8' KB

ON/OFF TOOL AT: 4563.9'

SEAL NIPPLE LANDED AT: 4565.4' KB

ARROW #1 PACKER CE AT: 4569.8'

XO 2-3/8 x 2-7/8 J-55 AT: 4572.8'

TBG PUP 2-3/8 J-55 AT: 4573.2'

X/N NIPPLE AT: 4577.3'

TOTAL STRING LENGTH: EOT @ 4579'

FRAC JOB

Depth Interval	Amount and Kind of Material Used
5001' - 5032'	Break down with 2,436 gallons 2% KCL water.
4860' - 4868'	Break down with 2,772 gallons 2% KCL water.
4860' - 5032'	Fracture with 17,440# 20/40 mesh sand and 39,550# 16/30 mesh sand with 18,186 gallons 2% KCL gelled water.
4744' - 4757'	Break down with 2,436 gallons 2% KCL water.
4614' - 4620'	Break down with 1,848 gallons 2% KCL water.
4614' - 4757'	Fracture with 30,400# 16/30 mesh sand with 11,130 gallons 2% KCL gelled water.
11/28/12	Convert to Injection Well
11/29/12	Conversion MIT Finalized - update tbg detail

TOC @ 2090'

SN @ 4563'

On Off Tool @ 4564'

SN @ 4565'

Packer @ 4570'

X/N Nipple @ 4577'

EOT @ 4579'

4614 -4620'

4744-4749'

4751 -4757'

4860-4864'

4866-4868'

5001-5004'

5030-5032'

PBTB @ 5602

TD @ 5650'

PERFORATION RECORD

5001-5004'	4 JSPF
5030-5032'	4 JSPF
4866-4868'	4 JSPF
4860-4864'	4 JSPF
4751-4757'	4 JSPF
4744-4749'	4 JSPF
4614-4620'	4 JSPF

NEWFIELD

Monument Federal 31-21Y-9-16
537' FNL and 2146' FEL
NW/NE Sec. 21, T9S, 16E
Duchesne Co, Utah
API #43-013-31726 # UTU-64379

Well Name: Federal 12-15-9-16

43-013-50429

Surface Legal Location NWSW 1639 FSL 362 FWL Sec 15 T9S R16E				API/UWI 43013504290000	Well RC 500162753	Lease UTU79834	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 11/21/2013	Rig Release Date 12/6/2013	On Production Date 1/3/2014	Original KB Elevation (ft) 5,845	Ground Elevation (ft) 5,835	Total Depth All (TVD) (ftKB) Original Hole - 6,033.0		PBTD (All) (ftKB) Original Hole - 5,965.9		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 12/20/2013	Job End Date 1/3/2014
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TD: 6,035.0

Vertical - Original Hole, 1/15/2014 3:17:08 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
-11.2	-11.1	0.7	DLS (° ... 0 — 2		
9.8	9.9	0.7			
12.1	12.2	0.7			
14.1	14.1	0.7			
20.7	20.7	0.7			
30.8	30.9	0.7			
55.4	55.5	0.7			
279.5	279.5	0.7			
326.1	326.1	0.7			
2,263.8	2,263.3	1.2			
3,350.4	3,349.7	1.5			
4,390.1	4,388.9	1.0			
4,398.0	4,396.8	1.0			
4,644.0	4,642.8	1.9			
5,034.1	5,032.7	1.9			
5,491.1	5,489.4	1.3			
5,496.1	5,494.3	1.3			
5,545.9	5,544.1	1.3			
5,680.1	5,678.3	1.4			
5,713.9	5,712.1	1.5			
5,716.5	5,714.7	1.5			
5,752.0	5,750.1	1.5			
5,780.8	5,779.0	1.5			
5,967.5	5,965.6	1.9			
6,012.8	6,010.8	1.9			
	6,033.1				

Federal 13-15-9-16

Spud Date: 5-21-07
Put on Production: 6-25-07
GL: 5840' KB: 5858'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jnts (312.81')
DEPTH LANDED: 323.71' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 1bbls cmt to surf.

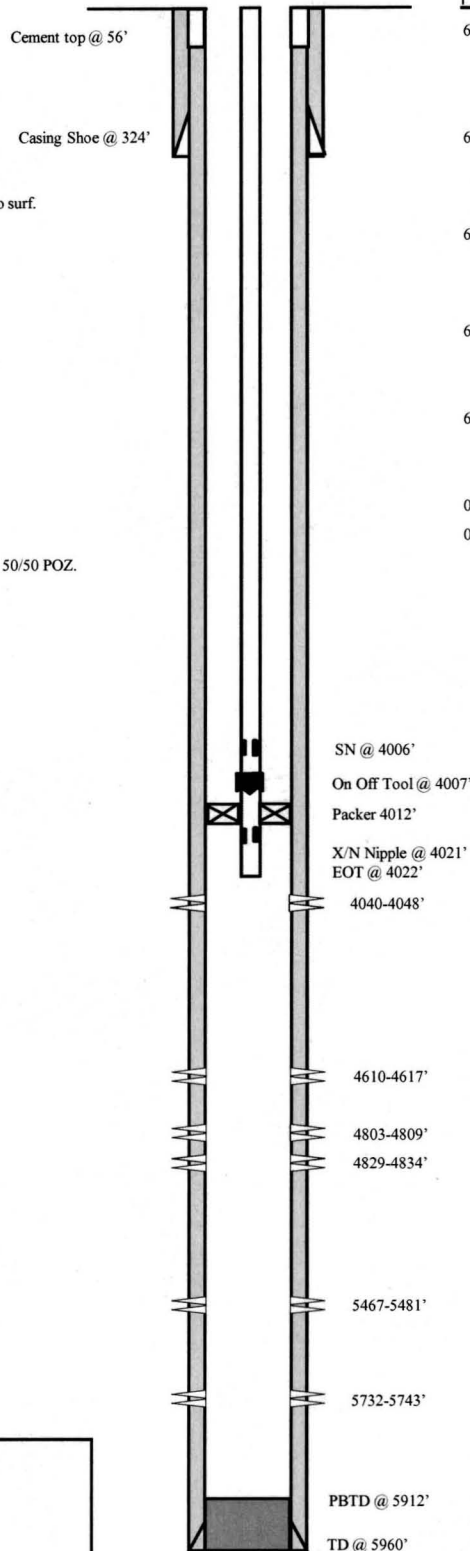
PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 135 jts (5899.55')
DEPTH LANDED: 5944.14' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.
CEMENT TOP AT: 56'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 128 jts (3994.3')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 4006.3' KB
ON/OFF TOOL AT: 4007.4'
SEAL NIPPLE AT: 4008.9'
ARROW #1 PACKER CE AT: 4012.5'
XO 2-3/8 x 2-7/8 J-55 AT: 4016.2'
TBG PUP 2-3/8 J-55 AT: 4016.7'
X/N NIPPLE AT: 4020.7'
TOTAL STRING LENGTH: EOT @ 4022'

Injection Wellbore Diagram



FRAC JOB

6-19-07 5732-5743' **Frac CP5 sands as follows:**
40000# 20/40 sand in 406 bbls Lightning 17
frac fluid. Treated @ avg press of 1700 psi
w/avg rate of 22.2 BPM. ISIP 1980 psi. Calc
flush: 5730 gal. Actual flush: 5145 gal.

6-19-07 5467-5481' **Frac CP1 sands as follows:**
50251# 20/40 sand in 432 bbls Lightning 17
frac fluid. Treated @ avg press of 1294 psi
w/avg rate of 23.3 BPM. ISIP 1690 psi. Calc
flush: 5465 gal. Actual flush: 4872 gal.

6-19-07 4829-4809' **Frac B1 & B.5 sands as follows:**
14309# 20/40 sand in 248 bbls Lightning 17
frac fluid. Treated @ avg press of 1801 psi
w/avg rate of 23.4 BPM. ISIP 1810 psi. Calc
flush: 4827 gal. Actual flush: 4221 gal.

6-19-07 4610-4617' **Frac D1 sands as follows:**
25018# 20/40 sand in 338 bbls Lightning 17
frac fluid. 21.8 BPM. ISIP 1990 psi. Calc
flush: 4608 gal. Actual flush: 4011 gal.

6-19-07 4040-4048' **Frac GB4 sands as follows:**
28952# 20/40 sand in 294 bbls Lightning 17
frac fluid. 24.7 BPM. ISIP 1723 psi. Calc
flush: 4038 gal. Actual flush: 3948 gal.

09/22/12 **Convert to Injection Well**
09/25/12 **Conversion MIT Finalized** - update tbg
detail

PERFORATION RECORD

Date	Interval	Tool	Holes
6-13-07	5732-5743'	4 JSPF	36 holes
6-19-07	5467-5481'	4 JSPF	56 holes
6-19-07	4829-4834'	4 JSPF	20 holes
6-19-07	4803-4809'	4 JSPF	20 holes
6-19-07	4610-4617'	4 JSPF	28 holes
6-19-07	4040-4048'	4 JSPF	32 holes

NEWFIELD

Federal 13-15-9-16

717' FSL & 469' FWL

SW/SW Section 15-T9S-R16E

Duchesne Co, Utah

API #43-013-33136; Lease #UTU-39713

NEWFIELD

Schematic

Well Name: Federal 41-21Y-9-16

43-013-31392

Surface Legal Location 21-9S-16E	API/UWI 43013313920000	Well RC 500151761	Lease	State/Province Utah	Field Name GMBU CTB6	County DUCHESNE
Spud Date 8/1/1993	Rig Release Date 8/19/1993	On Production Date 9/14/1993	Original KB Elevation (ft) 5,967	Ground Elevation (ft) 5,954	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB) Original Hole - 5,952.5

Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type OAP	Job Start Date 9/19/2014	Job End Date 9/30/2014
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TD: 6,000.0

Vertical - Original Hole, 10/7/2014 7:03:19 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	DLS (° ...)	Vertical schematic (actual)
12.5					
12.8					
13.1					
257.9					1; Surface; 8 5/8 in; 8,097 in; 13-258 ftKB; 245.00 ft
2,980.0					2-2; Tubing; 2 7/8; 2,441; 13-3,987; 3,974.08
3,986.9					
3,988.2					2-3; Pump Seating Nipple; 2 7/8; 2,280; 3,987-3,988; 1.10
3,989.5					2-4; On-Off Tool; 4 1/2; 2,441; 3,988-3,990; 1.45
3,997.0					2-5; Packer; 4 5/8; 1,875; 3,990-3,997; 7.35
3,997.4					2-6; Cross Over; 2 7/8; 1,991; 3,997-3,997; 0.40
4,001.3					2-7; Tubing Pup Joint; 2 3/8; 1,991; 3,997-4,001; 4.15
4,002.3					2-8; No Go Nipple; 2 3/8; 1,796; 4,001-4,002; 0.91
4,002.6					
4,060.0					Perforated; 4,060-4,062; 9/22/2014
4,062.0					
4,122.0					Perforated; 4,122-4,126; 9/22/2014
4,126.0					
4,613.8					Perforated; 4,614-4,624; 8/28/1993
4,624.0					
4,645.0					Perforated; 4,645-4,650; 8/28/1993
4,649.9					
4,733.9					Perforated; 4,734-4,736; 9/22/2014
4,735.9					
4,750.0					Perforated; 4,750-4,752; 9/22/2014
4,752.0					
4,815.0					Perforated; 4,815-4,819; 9/22/2014
4,818.9					
5,023.0					Perforated; 5,023-5,036; 8/25/1993
5,036.1					
5,504.9					Perforated; 5,505-5,509; 9/22/2014
5,508.9					
5,732.0					Perforated; 5,732-5,742; 9/22/2014
5,742.1					
5,952.4					
5,955.1					
5,998.4					
5,999.0					2; Production; 5 1/2 in; 4,950 in; 13-5,999 ftKB; 5,986.00 ft
6,000.0					

FEDERAL 13-13-9-16

Spud Date: 04/13/07

Put on Production: 05/23/07

GL: 5592' KB: 5604'

Initial Production: 53 BOPD,
3 MCFD, 88 BWPDInjection Wellbore
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (309.33')

DEPTH LANDED: 319.33' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 131 jts. (5793.19')

DEPTH LANDED: 5789.19' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 325 sxs Prem. Lite II mixed & 425 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 126 jts (3906.4')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 3918.4' KB

ON/OFF TOOL AT: 3919.5'

ARROW #1 PACKER CE AT: 3924.9'

XO 2-3/8 x 2-7/8 J-55 AT: 3928.3'

TBG PUP 2-3/8 J-55 AT: 3928.8'

X/N NIPPLE AT: 3932.9'

TOTAL STRING LENGTH: EOT @ 3934.27'

Cement Top @ Surface

Casing shoe @ 319'

SN @ 3918'

On Off Tool @ 3919'

Packer @ 3925'

X/N Nipple @ 3933'
EOT @ 3934'

3983-3990'

4027-4035'

4494-4499'

4628-4642'

4909-4914'

4949-4959'

5366-5374'

5528-5533'

PBTD @ 5756'

SHOE @ 5789'

TD @ 5800'

FRAC JOB

05/15/07 5528-5533'

Frac CP3 sands as follows:14792# 20/40 sand in 265 bbls Lightning 17
frac fluid. Treated @ avg press of 2351 psi
w/avg rate of 24.8 BPM. ISIP 2074 psi. Calc
flush: 5526 gal. Actual flush: 5019 gal.

05/15/07 5366-5374'

Frac CP1 sands as follows:40830# 20/40 sand in 346 bbls Lightning 17
frac fluid. Treated @ avg press of 1857 psi
w/avg rate of 22.6 BPM. ISIP 1997 psi. Calc
flush: 5364 gal. Actual flush: 4868 gal.

05/18/07 4909-4959'

Frac A1&3 sands as follows:67943# 20/40 sand in 542 bbls Lightning 17
frac fluid. Treated @ avg press of 1919 psi
w/avg rate of 24.7 BPM. ISIP 1970 psi. Calc
flush: 4907 gal. Actual flush: 4406 gal.

05/18/07 4628-4642'

Frac C sands as follows:29975# 20/40 sand in 345 bbls Lightning 17
frac fluid. Treated @ avg press of 1884 psi
w/avg rate of 24.7 BPM. ISIP 1910 psi. Calc
flush: 4626 gal. Actual flush: 4124 gal

05/18/07 4494-4499'

Frac D1 sands as follows:14891# 20/40 sand in 237 bbls Lightning 17
frac fluid. Treated @ avg press of 1954 psi
w/avg rate of 24.7 BPM. ISIP 1980 psi. Calc
flush: 4492 gal. Actual flush: 3990 gal

05/18/07 3983-4035'

Frac GB4&6 sands as follows:56438# 20/40 sand in 443 bbls Lightning 17
frac fluid. Treated @ avg press of 1550 psi
w/avg rate of ? BPM. ISIP 1685 psi. Calc
flush: 3981 gal. Actual flush: 3910 gal

7/17/08

Pump change. updated rod and tubing detail.

1/20/2010

Pump change. Updated rod and tubing detail.

12/11/12

Convert to Injection Well

12/12/12

Conversion MIT Finalized – update tbg
detailPERFORATION RECORD

05/02/07	5528-5533'	4 JSPF	20 holes
05/15/07	5366-5374'	4 JSPF	32 holes
05/15/07	4949-4959'	4 JSPF	40 holes
05/15/07	4909-4914'	4 JSPF	20 holes
05/18/07	4628-4642'	4 JSPF	56 holes
05/18/07	4494-4499'	4 JSPF	20 holes
05/18/07	4027-4035'	4 JSPF	32 holes
05/18/07	3983-3990'	4 JSPF	28 holes

NEWFIELD**FEDERAL 13-13-9-16**555' FSL & 344' FWL
SW/SW Section 13-T9S-R16E
Duchesne Co, Utah

API #43-013-32650; Lease # UTU-64805

LCN 12/18/12

NEWFIELD

Schematic

43-013-51582

Well Name: GMBU H-21-9-16

Surface Legal Location NEWW 726 FNL 1945 FWL Sec 21 T9S R16E Mer SLB			API/UWI 43013515820000	Well RC 500343077	Lease UTU64379	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 11/27/2013	Rig Release Date 12/14/2013	On Production Date	Original KB Elevation (ft) 5,990	Ground Elevation (ft) 5,980	Total Depth All (TVD) (ftKB) Original Hole - 6,033.1	PBTB (All) (ftKB) Original Hole - 6,142.1		

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 12/30/2013	Job End Date 1/15/2014
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TD: 6,185.0

Slant - Original Hole, 2/28/2014 6:30:44 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)	
			DLS (°... 0 — 3		
7.5	7.6	1.2			1-1; Tubing Hanger; 7; 2.441; 9-10; 0.90
9.8	9.9	1.2			
11.5	11.5	1.2			
14.1	14.2	1.2			1; Conductor; 14 in; 13.500 in; 10-16 ftKB; 6.00 ft
19.4	19.4	1.2			
277.9	277.9	1.2			2; Surface; 8 5/8 in; 8.097 in; 10-314 ftKB; 304.00 ft
312.3	312.3	1.2			
318.9	318.9	1.2			
3,384.2	3,314.7	16.3			1-2; Tubing; 2 7/8; 2.441; 10-5,733; 5,723.38
4,200.1	4,104.2	13.4			Perforated; 4,200-4,202; 1/2/2014
4,217.8	4,121.4	13.5			Perforated; 4,218-4,222; 1/2/2014
4,702.1	4,592.8	13.2			Perforated; 4,702-4,703; 1/2/2014
4,710.0	4,600.5	13.2			Perforated; 4,710-4,711; 1/2/2014
4,730.0	4,619.9	13.4			Perforated; 4,730-4,731; 1/2/2014
4,734.9	4,624.7	13.4			Perforated; 4,735-4,736; 1/2/2014
4,757.9	4,647.0	13.6			Perforated; 4,758-4,759; 1/2/2014
4,859.9	4,746.3	13.3			Perforated; 4,860-4,861; 1/2/2014
4,866.1	4,752.3	13.4			Perforated; 4,866-4,867; 1/2/2014
4,872.0	4,758.1	13.4			Perforated; 4,872-4,873; 1/2/2014
4,878.0	4,763.8	13.4			Perforated; 4,878-4,879; 1/2/2014
4,881.9	4,767.6	13.4			Perforated; 4,882-4,883; 1/2/2014
4,994.1	4,876.8	13.2			Perforated; 4,994-4,995; 1/2/2014
4,995.1	4,877.8	13.2			
5,067.9	4,948.8	12.8			Perforated; 5,066-5,068; 1/2/2014
5,151.9	5,030.5	13.5			Perforated; 5,148-5,152; 1/2/2014
5,619.1	5,484.8	15.4			Perforated; 5,618-5,619; 12/30/2013
5,627.0	5,492.4	15.5			Perforated; 5,626-5,627; 12/30/2013
5,733.9	5,595.3	16.2			1-3; Anchor/catcher; 4.37; 2.441; 5,733-5,736; 2.80
5,737.9	5,599.0	16.2			Perforated; 5,734-5,738; 12/30/2013
5,768.4	5,628.4	16.1			1-4; Tubing; 2 7/8; 2.441; 5,736-5,769; 32.54
5,834.6	5,692.1	15.7			1-5; Pump Seating Nipple; 2 7/8; 2.270; 5,769-5,770; 1.10
6,142.1	5,990.9	10.8			1-6; Tubing; 2 7/8; 2.441; 5,770-5,835; 65.11
6,165.4	6,013.8	10.8			1-7; Notched collar; 2 7/8; 2.441; 5,835-5,835; 0.50
6,185.0	6,033.1	10.8			3; Production; 5 1/2 in; 4,950 in; 10-6,166 ftKB; 6,156.25 ft

NEWFIELD

Schematic

Well Name: GMBU N-16-9-16

43-013-51447

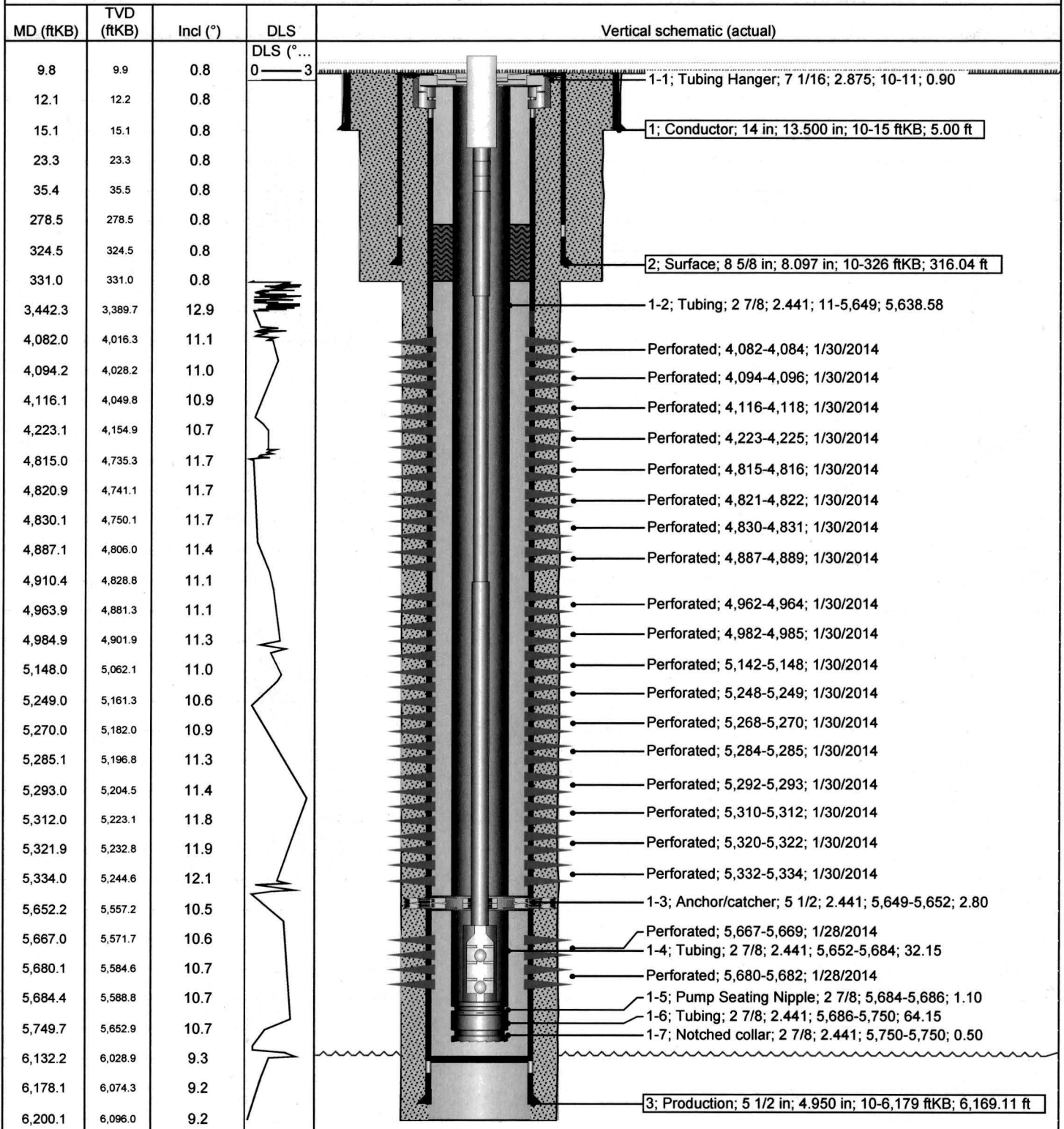
Surface Legal Location NESW 2111 FSL 1881 FWL Sec 16 R9S R16E				API/UWI 43013514470000	Well RC 500343051	Lease ML-16532	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/19/2013	Rig Release Date 1/12/2014	On Production Date	Original KB Elevation (ft) 5,912	Ground Elevation (ft) 5,902	Total Depth All (TVD) (ftKB) Original Hole - 6,095.8	PBTD (All) (ftKB) Original Hole - 6,132.3			

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/28/2014	Job End Date
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TD: 6,200.0

Slant - Original Hole, 2/28/2014 6:29:32 AM



NEWFIELD

Schematic

43-013-51449

Well Name: GMBU Q-16-9-16

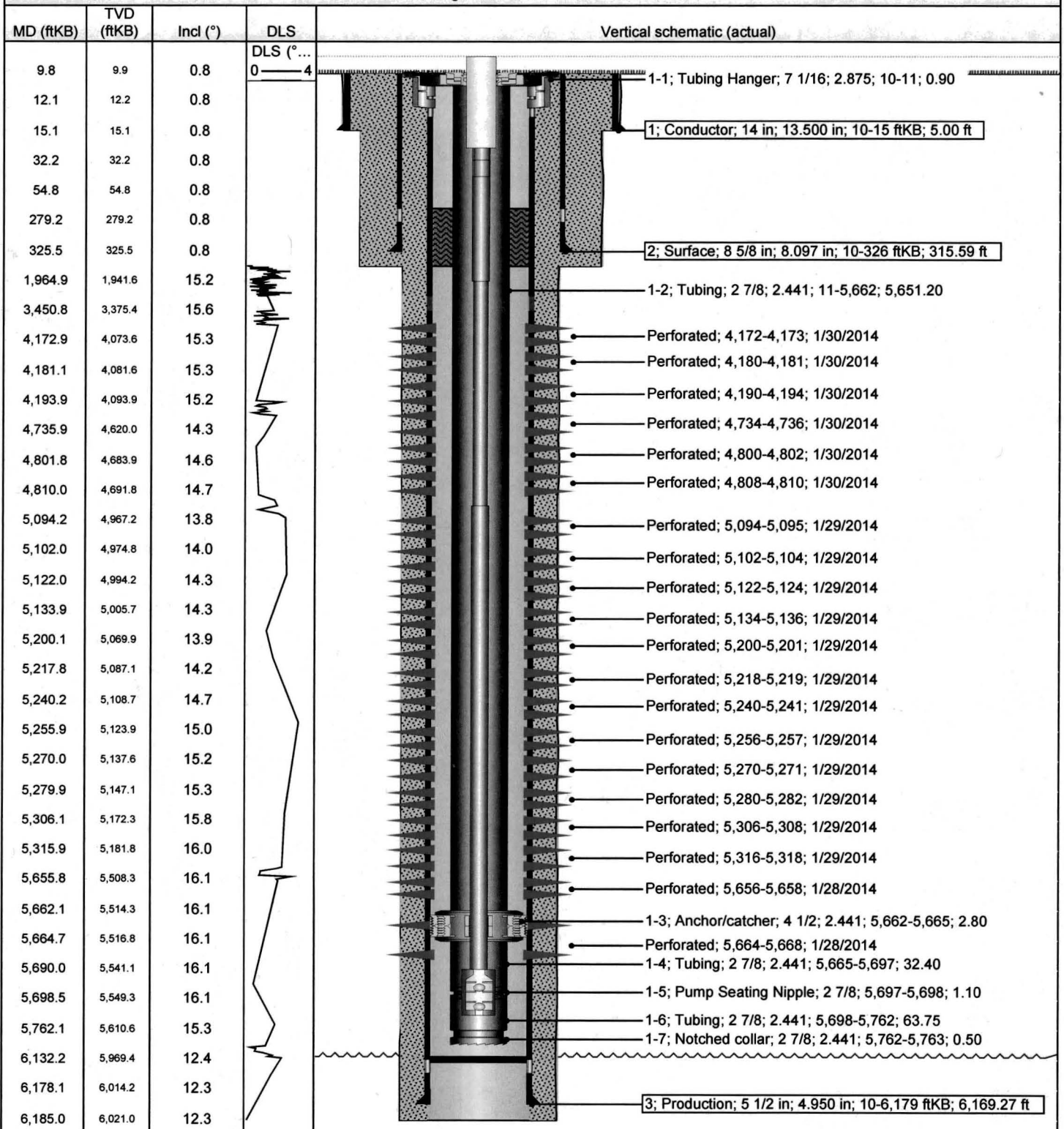
Surface Legal Location NESW 2096 FSL 1866 FWL Sec 16 T9S R16E			API/UWI 43013514490000	Well RC 500343119	Lease ML-16532	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/20/2013	Rig Release Date 1/15/2014	On Production Date	Original KB Elevation (ft) 5,912	Ground Elevation (ft) 5,902	Total Depth All (TVD) (ftKB) Original Hole - 6,020.9		PBD (All) (ftKB) Original Hole - 6,132.3	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/28/2014	Job End Date 2/6/2014
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TD: 6,185.0

Slant - Original Hole, 3/19/2014 12:02:22 PM



43-013-51579

Well Name: GMBU W-16-9-16

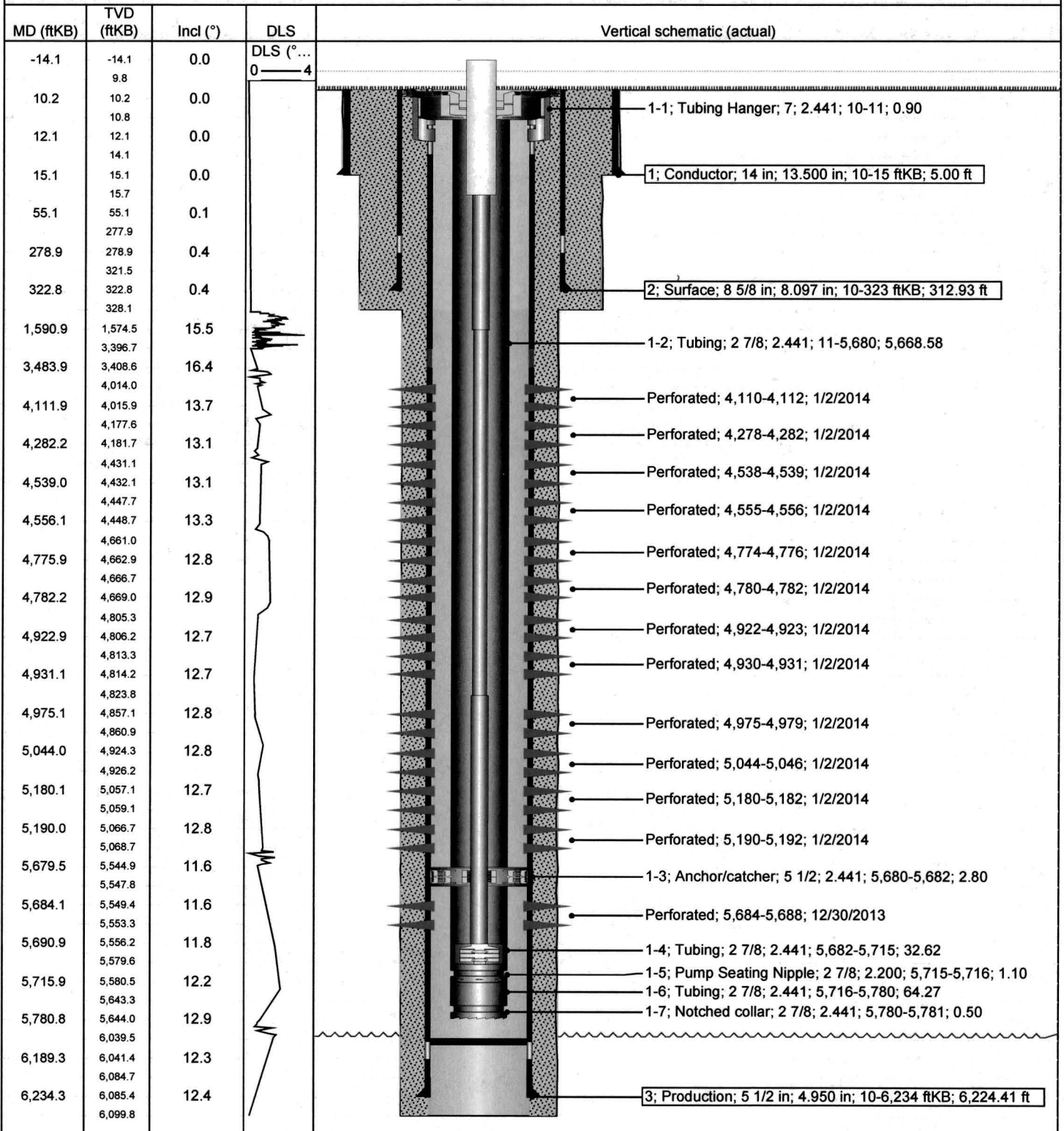
Surface Legal Location		API/UWI		Well RC	Lease	State/Province	Field Name	County
NENW 726 FNL 1924 FWL Sec 21 R16E Mer SLB		43013515790000		500353413	UTU64379	Utah	GMBU CTB5	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTB (All) (ftKB)		
11/26/2013	12/10/2013		5,990	5,980	Original Hole - 6,099.8	Original Hole - 6,187.5		

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	12/30/2013	1/10/2014

TD: 6,249.0

Slant - Original Hole, 2/28/2014 6:30:05 AM



NEWFIELD

Schematic

Well Name: GMBU G-21-9-16

43-013-51569

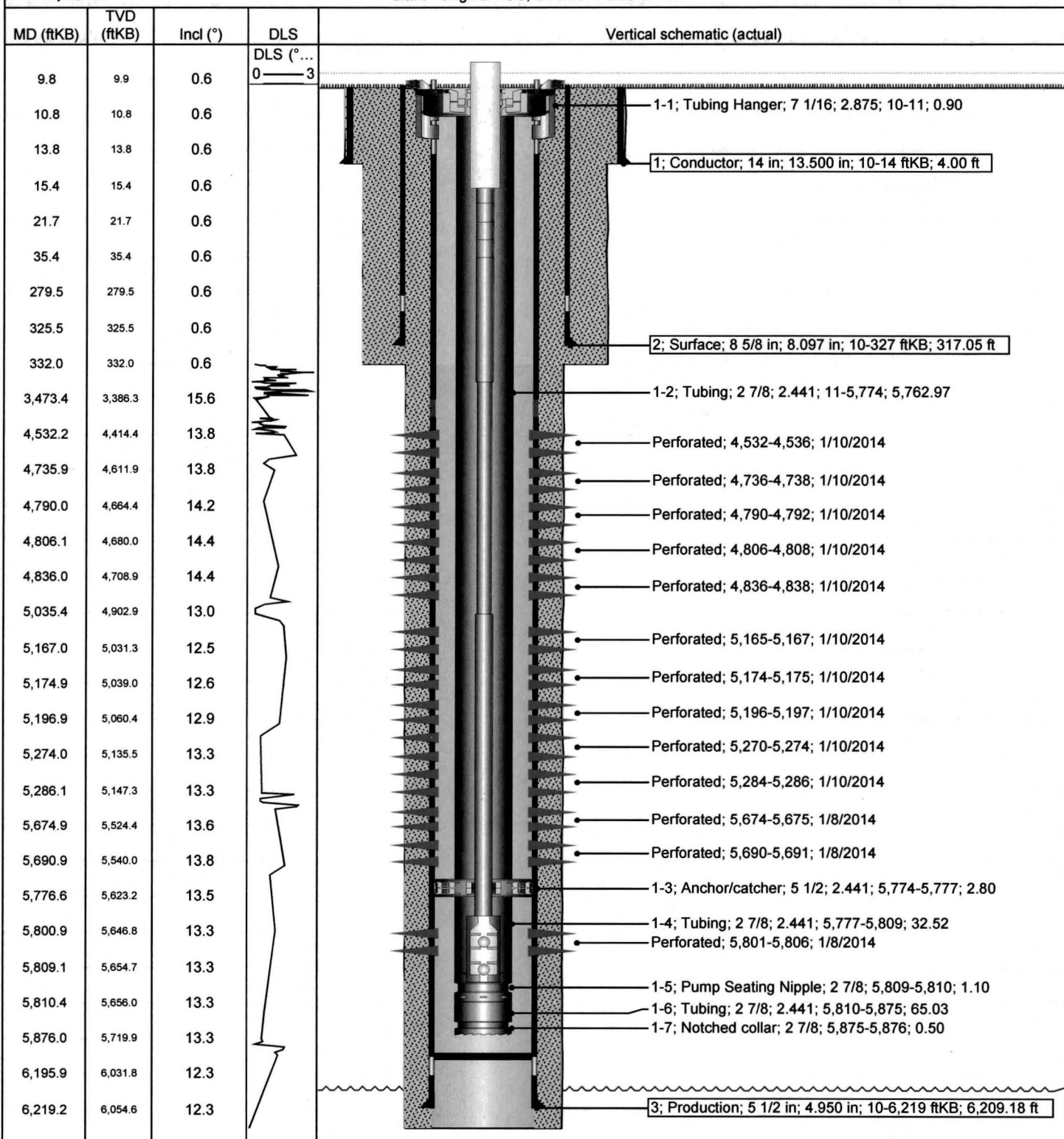
Surface Legal Location SWNW 2062 FNL Sec 21 T9S R16E Mer SLB			API/UWI 43013515690000	Well RC 500335136	Lease UTU64379	State/Province Utah	Field Name GMBU CTB5	County Duchesne
Spud Date 12/3/2013	Rig Release Date 12/22/2013	On Production Date	Original KB Elevation (ft) 6,050	Ground Elevation (ft) 6,040	Total Depth All (TVD) (ftKB) Original Hole - 6,059.3		PBTD (All) (ftKB) Original Hole - 6,194.2	

Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 1/8/2014	Job End Date 1/17/2014
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TD: 6,224.0

Slant - Original Hole, 2/28/2014 6:28:57 AM



GMB 3-16-9-16H

Wellbore Diagram



Surface Location: NE/NW, Sec 16, T9S R16E

County/State: Greater Monument Butte, Duchesne County, Utah

Elevation: 5847' GL + 12' KB

API: 43-013-50441

8-5/8" Casing Shoe
1,025

Casing Detail	Size	WT	Grade	Conn.	Top	Bottom	Burst	Collapse	ID	Drift	bb/ft	Hole	TOC
Surface	8-5/8"	24#	J-55	LTC	0	1,025							Surface
Production	5-1/2"	17#	M-80	LTC	0	5,993	7,740	7,020	4,892	4,767	0.0233	7-7/8"	Port Collar:
Production	4-1/2"	11.6#	P-110	LTC	5,993 TVD	10,249 6,011	7,774	8,510	4,000	3,875	0.0155	6-1/8"	5,654' md to Surface

burst & collapse values are book, no additional safety factors have been applied

WELLBORE FLUIDS

Lateral section fluid= +8.4 ppg "clean" brine

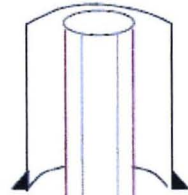
Tubing Detail	Size	WT	Grade	Conn.	Length	Top	Bottom	Joints
TBG DETAIL: sand drain valve, 3 jts 2 7/8" tbg., Cavins De-sander, 2 7/8" sub, 1 jt 2 7/8" tbg., SN, 1 jt 2 7/8" tbg., 5 1/2" TAC, 187 jts 2 7/8" tbg and tbg hanger. TA @ 5,870'. SN @ 5,903'. EOT @ 6,052' NOTE on Tubing Anchor: TA (shortened inner springs & beveled outer springs -4.625" OD)								

Rod Detail	Size	Grade	Count	Length	Top	Bottom
Pump and Rod Detail: Weatherford MacGyver 1 3/4" x 28' rod pump, stabilizer sub, on/off tool, stabilizer sub, SE 4 Co-rod, 1- 8', 6', 4', 2' x 7/8" pony rods, 1 1/2" x 26' polished rod NOTE on Pump: with CoRod, must have Clutch (on/off tool) installed.						

Proposed Frac Data			Packers Plus 12 Stage StackFrac HD Stimulation Liner												Prop Vol	Total Clean Vol
	Top	Bottom											Prop type/ size	(lbs)	(bbls)	
Toe Section	10,249	10,249	Packers Plus 4-1/2" Toe Circulating Sub w/1,000' Seat for 1,250' SF2 High Pressure Ball (Actuated at 1,098 psi). And Open Hole TD													
Stage 1	10,087	10,249	Dual Hydraulic	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	100 mesh sand	0				
OH Anchor/Packer	10,080	10,087	Frac Port:	10,180	NA	NA	204.33	NA			30/50 mesh sand	0	1,903			
Mechanical Packer 1	10,002	10,007	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	34,144	2,342	
Stage 2	9,682	10,002	FracPort 2:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	30,760				
Mechanical Packer 2	9,677	9,682	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	36,389	2,775	
Stage 3	9,914	9,677	FracPort 3:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	18,835				
Mechanical Packer 3	9,354	9,359	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	7,548	2,716	
Stage 4	9,035	9,354	FracPort 4:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	0				
Mechanical Packer 4	9,030	9,035	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	28,177	4,118	
Stage 5	8,710	9,030	FracPort 5:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	36,211				
Mechanical Packer 5	8,705	8,710	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	37,277	3,907	
Stage 6	8,386	8,705	FracPort 6:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	30,591				
Mechanical Packer 6	8,381	8,386	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	32,229	2,784	
Stage 7	8,066	8,381	FracPort 7:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	21,643				
Mechanical Packer 7	8,061	8,066	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	35,076	3,706	
Stage 8	7,743	8,061	FracPort 8:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	30,420				
Mechanical Packer 8	7,738	7,743	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	30,308	2,777	
Stage 9	7,418	7,738	FracPort 9:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	14,314				
Mechanical Packer 9	7,413	7,418	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	25,505	1,869	
Stage 10	6,768	7,413	FracPort 10:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	3,467				
Mechanical Packer 10	7,088	7,093	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	37,984	2,804	
Stage 11	6,768	7,088	FracPort 11:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	36,949				
Mechanical Packer 11	6,763	6,768	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)										100 mesh sand	31,284	2,755	
Stage 12	6,445	6,763	FracPort 11:	Depth	Ball OD (in.)	Seat ID (in.)	Vol. to Seat (bbl)	Actual Vol. (bbl)	Difference (bbl)	Ball Action (ΔP)	30/50 mesh sand	21,198				
Mechanical Packer 12	6,438	6,445	Packer Plus 7" x 4-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,268psi)												Total Fluid	
OH Anchor/Packer	5,451	5,456	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)												34,456	
Rockseal II Packer	5,372	5,377	Packer Plus 8-5/8" x 5-1/2" RockSeal II 10K Hydraulic Set Open Hole Packer (Actuated at 2,046psi)												(bbl)	
Lat Length			3,804										Sand Total	100 mesh sand	335,921	
Total Stim. Lateral			3,804										580,309	30/50 mesh sand	244,388	
Avg. Stage Length			317 *between packers											# sand per foot of lateral	153	

Liner Length: 10,249'
Liner: 5-1/2" 17# / 4-1/2" 11.6# M/N80 LTC
Top Packer: 9-5/8" x 5-1/2" RockSeal II / IIS
Set @ 5,372'

FINAL COMPLETION



Casing	Start	End	FTG
8-5/8" 24# J55 LTC	0'	1,025'	1,025'
Liner	Start	End	FTG
5-1/2" 17# M80	0'	5,993'	5,993'
4-1/2" 11.6# N80	5,993'	10,249'	4,256'

RockSeal Packers @	ANCH	10,080'	PKR 8	7,738'
	PKR 1	10,002'	PKR 9	7,413'
	PKR 2	9,677'	PKR 10	7,088'
	PKR 3	9,354'	PKR 11	6,763'
	PKR 4	9,030'	PKR 12	6,438'
	PKR 5	8,705'		
	PKR 6	8,381'	ANCH	5,451'
	PKR 7	8,061'	PKR 13	5,372'

Marker Joint 4,743'

KOP @ 5,400'

Port Collar 5,355'

Top Packer @ 5,372'

5-1/2"x4-1/2" Crossover @ 5,993'

FracPorts @	DEH	10,160'	2.625	8,220'
	2.000	9,841'	2.750	7,901'
	2.125	9,517'	2.875	7,577'
	2.250	9,193'	3.000	7,252'
	2.375	8,869'	3.125	6,927'
	2.500	8,544'	3.250	6,601'

Interval Spacing

STG 1	179'	Toe
STG 2	324'	
STG 3	324'	
STG 4	324'	
STG 5	325'	
STG 6	324'	
STG 7	320'	
STG 8	322'	
STG 9	325'	
STG 10	325'	
STG 11	326'	
STG 12	325'	EOB

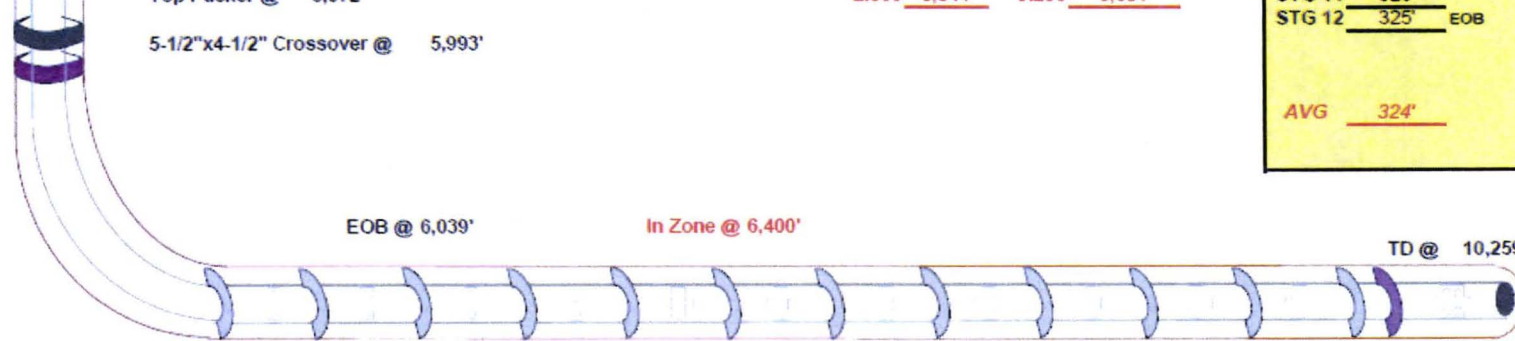
AVG 324'

EOB @ 6,039'

In Zone @ 6,400'

TD @ 10,259'

GS @ 10,249'



NEWFIELD

Schematic

Well Name: GMBU I-21-9-16

43-013-52341

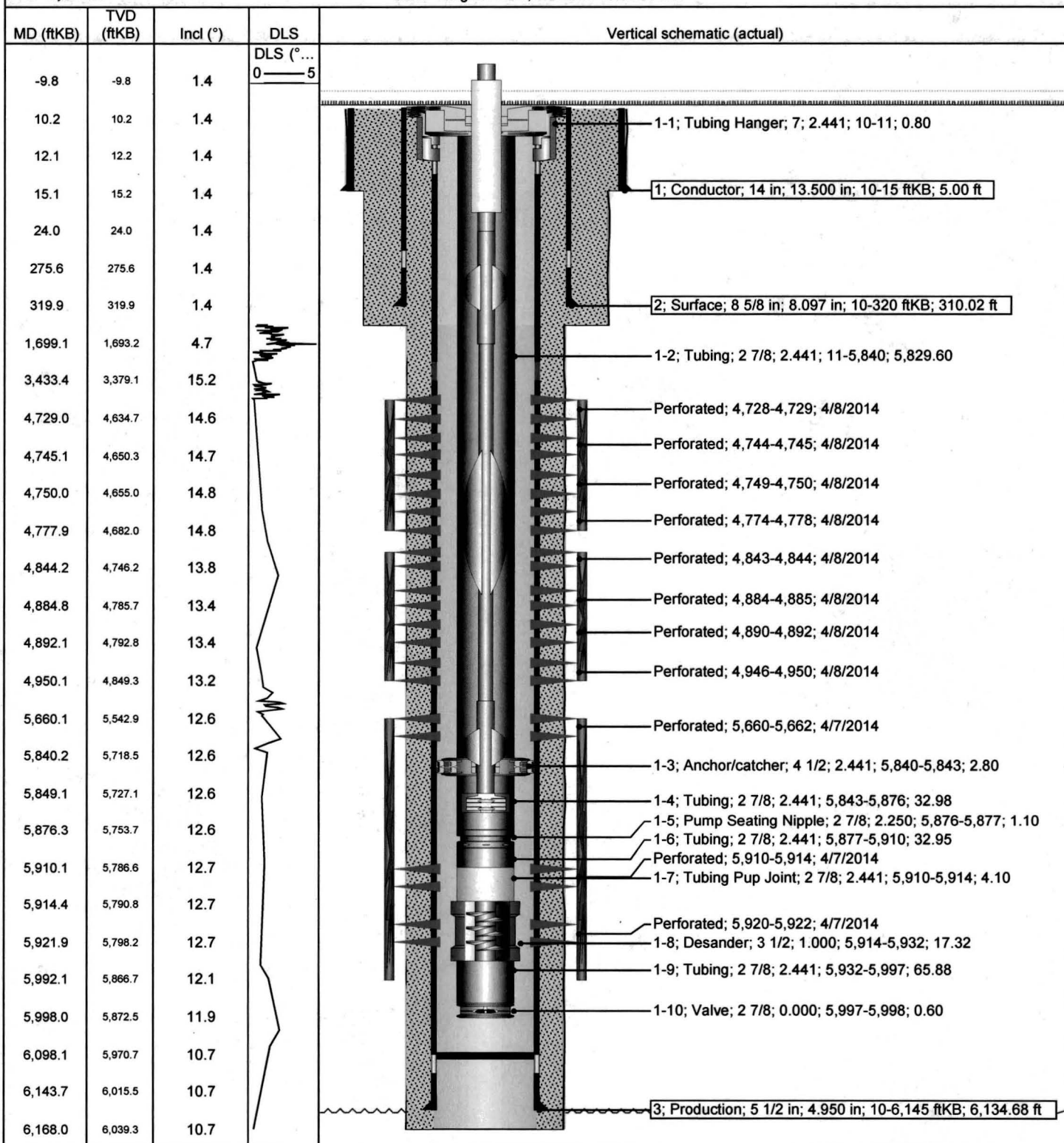
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
SWNE 2144 FNL 1963 FEL Sec 21 T9S R16E		43013523410000	500346532	UTU64379	Utah	GMBU CTB6	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,098.2
3/21/2014	3/25/2014	4/11/2014	6,020	6,010	Original Hole - 6,039.4		

Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	4/7/2014	4/11/2014

TD: 6,168.0

Slant - Original Hole, 5/5/2014 10:36:17 AM



10f2

Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**
 Well Name: **WELLS DRAW INJ FACILITY**
 Sample Point: **Commingle After Filter**
 Sample Date: **11/18/2013**
 Sample ID: **WA-259493**

Sales Rep: **Jacob Bird**
 Lab Tech: **Gary Winegar**

Scaling potential predicted using ScaleSoftPitzer from
 Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/26/2013	Cations		Anions	
		mg/L		mg/L	
System Temperature 1 (°F):	120	Sodium (Na):	141.00	Chloride (Cl):	1000.00
System Pressure 1 (psig):	2000	Potassium (K):	39.00	Sulfate (SO4):	41.00
System Temperature 2 (°F):	210	Magnesium (Mg):	24.00	Bicarbonate (HCO3):	1122.00
System Pressure 2 (psig):	2000	Calcium (Ca):	41.00	Carbonate (CO3):	
Calculated Density (g/ml):	0.999	Strontium (Sr):	0.70	Acetic Acid (CH3COO)	
pH:	6.50	Barium (Ba):	0.00	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	2413.76	Iron (Fe):	0.11	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.03	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	24.00	Lead (Pb):	0.00	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	0.00	Manganese (Mn):	0.00	Silica (SiO2):	4.92

Notes:

B=.4 AI=.18 Li=0

(PTB = Pounds per Thousand Barrels)

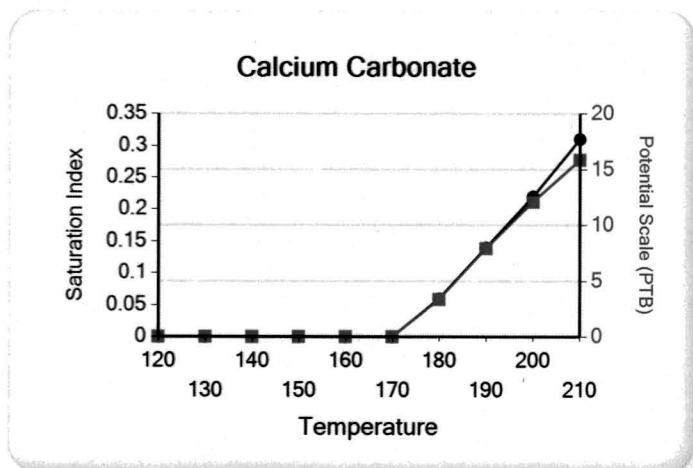
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.31	15.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.22	12.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.14	7.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.06	3.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO ₄ •0.5H ₂ O		Anhydrate CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate

These scales have positive scaling potential under final temperature and pressure:



Attachment "G"

**State #16-1-O-9-16
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5530	5548	5539	1800	0.76	1764
5060	5078	5069	2400	0.91	2367
4722	4744	4733	1700	0.79	1669 ←
5020	5080	5050	1759	0.78	1726
				Minimum	<u>1669</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
where pressure gradient for the fresh water is .433 psi/ft and
specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

NEWFIELD



ROCKY MOUNTAINS

Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/8/11

Operation: MIRUSU. TOO H w/ rods.

RCMPDV

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/7/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	1
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$6,877
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$6,877

Reason for Workover: Recompletion

24 Hr Summary: MIRUSU. TOO H w/ rods. Tag fill.

24 Hr Plan Forward: Gyro well. TOO H w/ tbg. Perferate.

Incidents:	None	Newfield Pers:	2	Contract Pers:	12	Conditions:	Sunny
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Critical Comments

Activity Summary

0 Hr(s); P : MIRUSU. Pump 60 bbls down tbg (hole in tbg). TOO H w/ "EL" rods. Flush rods again w/ 30 bbls water. RU tbg equipment. Release TA. TIH w/ 3 jts tbg to tag fill @ 5537'. SIFN.

NEWFIELD



Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/8/11

Operation: TOOH w/ tbq. Gyro well. TIH w/ Scrp

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/8/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	2
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$7,810
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$14,687

Reason for Workover: Recompletion

24 Hr Summary: TOOH w/ tbq. Gyro well. PU frac string.

24 Hr Plan Forward: C/O fill. Perferate well. TIH w/ tools.

Incidents:	None	Newfield Pers:	2	Contract Pers:	9	Conditions:	Sunny
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Critical Comments

Activity Summary

0 Hr(s); P : Continue TOOH w/ tbq. RU Ves. Run Gyro on well (Tag fill @ 5537'). RU 4-3/4" bit & 5-1/2" scraper. Tally, drift & PU N-80, 2-7/8" tbq to tag fill @ 5417'. Work tbq to 5503'. TOOH w/ 5 jts. SIFN.

NEWFIELD**Daily Workover Report**

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/10/11

Operation: Perferate well.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/9/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	3
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$12,199
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$26,886

Reason for Workover: Recompletion

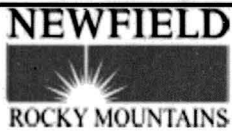
24 Hr Summary:	RIH w/ bit&scrp. C/O to PBTD. Perferate. RIH w/ tools
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24 Hr Plan Forward:	TOOH w/ tools. Break down zones.
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Incidents:	None	Newfield Pers:	2	Contract Pers:	11	Conditions:	Sunny
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Critical Comments**Activity Summary**

0 Hr(s); P : TIH w/ 5 jts tbg. Tag fill @ 5471'. Work scrpr to 5471'. RU Nabors swivel. C/O sand to PBTD @ 5598'. TOOH w/ tbg. RU Perforators LLC WLT. RIH w/ 3-1/8" slick guns. Perferate 5 stage for frac. RD Perforators. RU 5-1/2" "TS" RBP, Retrieving tool, 2-3/8" x 4' pup joint, "HD" pkr, SN, 66 jts 2-7/8" tbg. SIFN w/ EOT @ 2126'.



Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/10/11

Operation: Break down zones. Spot acid.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/10/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	4
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$8,082
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$34,968

Reason for Workover: Recompletion

24 Hr Summary: TIH w/ tools. Break down zones. CP1 sds had to spot acid.

24 Hr Plan Forward: Well ready for frac.

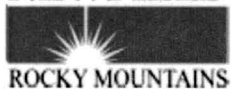
Incidents: None Newfield Pers: 1 Contract Pers: 11 Conditions: Sunny

Critical Comments

Activity Summary

0 Hr(s); P : Continue TIH w/ tbg & tools. Set tools. Fill casing w/ 60 bbls water. Fill tbg w/ 16 bbls water. Broke down GB6 sds w/ 2 bbls water @ 3800 psi back to 1850 psi @ .5 bpm. Move tools & set up on GB4 sds. Broke @ 4300 psi back to 1800 psi w/ .5 bpm w/ 3 bbls. Reset tools on D1 sds & broke down @ 2450 psi back to 1050 psi w/ .5 bpm w/ 3 bbls wtr. Reset tools on CP1 sds. Won't break down. Spot 300 gals acid on CP1 upper sds. Reset tools on upper CP1 sds. Broke down @ 4500 psi back to 3200 psi @ .5 bpm. Release RBP & set @ 5566'. Leave EOT @ 5418'. SIFN.

NEWFIELD



Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/14/11

Operation: Frac well down tbq.

RCMPDV

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/14/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	5
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$29,315
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$64,283

Reason for Workover: Recompletion

24 Hr Summary: Frac 1 stg down tbq. TOO H w/ tbq for tools.

24 Hr Plan Forward: Fish tbq & tools.

Incidents:	None	Newfield Pers:	1	Contract Pers:	23	Conditions:	Sunny
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Critical Comments

Activity Summary

0 Hr(s); P : RU Baker Hughes. Set pkr @ 5416'. Fill casing w/ 50 bbls water. Frac stg #1 CPl sds down tbq. Flow well back (80 bbls fluid w/ 1000#'s of sand). TIH w/ tbq to tag 20' of sand on RBP. Cannot release RBP. TOO H w/ tbq. Left 6 jts tbq, HD & TS in hole. Top of fish @ 5361'. RIH w/ impression block & shows collar on top. SIFN.

NEWFIELD



Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/15/11

Operation: Fish pkr. Retrieve RBP.

ROCKY MOUNTAINS		RCMPDV		Operation: Fish pkr. Retreive RBP.	
Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/15/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	6
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$10,680
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$74,963

Reason for Workover: Recompletion

24 Hr Summary: Fish HD pkr. Retrieve RBP.

24 Hr Plan Forward: Continue Retrieve RBP. RIH w/ different tools.

Incidents: None Newfield Pers: 1 Contract Pers: 12 Conditions: Cloudy

Critical Comments

Activity Summary

0 Hr(s); P : RU inline spear 2.438" grapple, X/O, drain sub, Bumper Sub & 4' X 2-7/8" pup joint. TIH w/ tbg. Latch onto fish @ 5336'. Use Bump Sub to pull out of sand. Work pipe @ 30,000# over. Came free. Slow TOOH due to haging up in every csg collar. Shows split collar. No sign of metal. Strip top off BOP's. Nothing. ND BOP's & found part of heel off 36" pipe wrench in btm of wellhead. RU BOP's. RU Retrieving head. TIH w/ tbg. Tag 1' of sand on RBP. RU pump & tank. Took 38 bbls to fill well. Circulate down & release RBP. TOOH w/ 6 std tbg. SIFN.

NEWFIELD**Daily Workover Report**

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/17/11

Operation: TiH w/ tools.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/17/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	7
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$3,785
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$78,748

Reason for Workover: Recompletion

24 Hr Summary:	TIH w/ new tools.
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24 Hr Plan Forward:	Frac well.
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Incidents:	None	Newfield Pers:	1	Contract Pers:	11	Conditions:	Cloudy
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Critical Comments**Activity Summary**

0 Hr(s); P : Open well w/ 0 psi on casing & tbg. TOOH w/ tbg. RU "TS" RBP, retrieving head, 4' x 2-3/8" pup jt, "TS" pkr, SN, 161 jts tbg. Set RBP @ 5132'. TOOH w/ 35 jts & leave EOT @ 4016'. SIFN.

NEWFIELD



ROCKY MOUNTAINS

Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/19/11

Operation: frac A1 sds down tbg.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/19/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	8
County:	DUCHESNE	Phone:	435-823-7977	Daily Cost:	\$39,325
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$118,073

Reason for Workover: Recompletion

24 Hr Summary: Frac 2 stgs.

24 Hr Plan Forward: Continue frac well w/ 2 stgs left.

Incidents:	None	Newfield Pers:	1	Contract Pers:	20	Conditions:	Cloudy
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Critical Comments

Activity Summary

13:15 - 18:00; 4.7 Hr(s); P : TIH w/ tbg & set pkr @ 5037'. Fill casing w/ 40 bbls. RU Baker Hughes & frac A1 sds down tbg w/ 48,942#'s of 20/40 sand in 462 bbls of Lightning 17 frac fluid. Flow well back for 30 min & rec'd 70 bbls of fluid w/ 1100#'s of sand. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 45' of sand. C/O to RBP @ 5120' & release. TOOH w/ tbg. Set RBP @ 4800'. Set pkr @ 4718'. Fill casing w/12 bbls water. RU Baker Frac D3 sds w/ 34,173# of 20/40 sand in 333 bbls of Lightning 17 frac fluid. SIFN.

NEWFIELD



Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/21/11

Operation: Frac last 2 stages. TOOH LD tbg.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/21/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	9
County:	DUCHESNE	Phone:	435- 823-7977	Daily Cost:	\$57,350
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$175,423

Reason for Workover: Recompletion

24 Hr Summary:	Finish frac well.				
24 Hr Plan Forward:	Swab well. LD N-80 tbg.				
Incidents:	None	Newfield Pers:	1	Contract Pers:	26
Conditions: Cloudy					

Critical Comments

Activity Summary

0 Hr(s); P : Open well on vacuum. Release pkr. Circulate tbg clean. TIH w/ tbg to tag 70' of sand. C/O to RBP @ 4800'. TOOH & set RBP @ 4670'. Set pkr @ 4590'. Frac stage #4 w/ 34,603#'s of 20/40 sand in 309 bbls of Lightning 17 frac fluid. Flow well back. Rec'd 68 bbls of fluid w/ 1000#'s of sand. Release pkr. TIH w/ tbg to tag 25' of sand. Release RBP & reset @ 4166'. Set pkr @ 4020'. Pressure Casing to 200 psi & held during frac. Frac stage #5 w/ 30,474#'s of 20/40 sand in 270 bbls of Lightning 17 frac fluid. Flow well back. Rec'd 30bbls fluid & 500#'s of sand. Released pkr. TIH w/ tbg to tag 15' of sand. Released RBP & TIH to set RBP @ 5566'. TOOH w/ tbg to leave pkr hang @ 4015'. RU swab equipment. Made 5 runs & rec'd 42 bbls fluid. FFL was 1500'. SIFN.

0 Hr(s); U :

NEWFIELD



Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/22/11

Operation: Swab well. TIH w/ prod tbg.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/22/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	10
County:	DUCHESNE	Phone:	435-823-7977	Daily Cost:	\$7,226
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$182,649

Reason for Workover: Recompletion

24 Hr Summary:	Swab well. TIH w/ tbg.						
24 Hr Plan Forward:	Test tbg. RIH w/ rods. Put well on pump.						
Incidents:	None	Newfield Pers:	1	Contract Pers:	13	Conditions:	Cloudy

Critical Comments

Activity Summary

0 Hr(s); P : Open well w/ 0 psi on casing. RU swab & make 12 runs to rec'd 82 bbls fluid. FFL was 3400'. Last run showed trace of oil w/ no sand. RD swab equipment. TIH w/ tbg. Took 110 bbls to fill hole. Circulate 5' of sand off RBP & release. TOOH LD N-80 tbg. TIH w/ Bull plug, 2 jts tbg, 2-7/8" nipple, PBGA, 1 jt tbg, SN, 2 jts tbg, TA new 45,000#'s shear w/ carbide slips, 10 new jts tbg, 160 used jts tbg. SIFN.

NEWFIELD



Final Daily Workover Report

Well Name: STATE 16-1-O-9-16

AFE: 25144

Report Date: 11/23/11

Operation: TIH w/ rods. Put well on Pump.

Field:	GMBU CTB5	Rig Name:	WWS #7	Work Performed:	11/23/2011
Location:	S16 T9S R16E	Supervisor:	Ron Shuck	Day:	11
County:	DUCHESE	Phone:	435- 823-7977	Daily Cost:	\$46,968
State:	UT	Email:	rshuck@newfield.com	Cum DWR:	\$229,617

Reason for Workover: Recompletion

24 Hr Summary: Test tbg. TIH w/ rods. Put well on pump. 11-23-11 w/ 1100 BBIs EWTR.

24 Hr Plan Forward: Final Report.

Incidents: None **Newfield Pers:** 1 **Contract Pers:** 11 **Conditions:** Cloudy

Critical Comments

Activity Summary

0 Hr(s); P : Open well w/ 0 psi on casing. Pump 20 bbls water. Drop SV. Test tbg to 3000 psi w/ 20 bbls water. Fish SV. RD BOP's. Set TA @ 5359' w/ 18,000#'s tension w/ SN @ 5424' & EOT @ 5527'. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 20' new John Crane RHAC pmp w/ 184"SL, 5- 1-1/2" weight bars w/ 1" stabilizers between, 38- 3/4" 4per rds, 21- 3/4" pln, 15- 3/4" 4per, 123 3/4" pln, 11- 7/8" 4per new, 2', 4', 8' x 7/8" ponies new, 1-1/2" x 22' polish rod. There are 164- 3/4" EL rods in string. Space pump. Test tbg to 400 psi w/ unit. POP @ 3:30PM w/ 48"SL @ 4 spm w/ 1100 bbls wtr to recover. Final Report.

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02/02/85 Drilling at 5150'. Made 603' in Green River formation. Bit #2 has made 755' in 29-1/4 hrs., 60 RPM, 40,000#. Drilling with water. Deviation 2-1/2° @ 4919'. Shows: 4600-04' 300 units, 4630-38' 500 units, 4716-24' 500 units - cut, florescence, stain, 4725-34' 500 units - cut, florescence, stain, 4755-44' 500 units - cut, florescence, stain, 4888-92' 200 units, 4956-54' 300 units, 5022-32' 500 units - stain, 5058-70' 500 units - florescence, cut, stain. Drilling 23-1/4 hrs., service rig 1/4 hr., survey 1/2 hr.

02/03/85 Drilling at 5489'. Made 339' in Green River formation. Bit #2 has made 1097' in 43-3/4 hrs., 60 RPM, 40,000#. Drilling with water. Shows: 5224-28' 450 units, 5260-84' 600 units, 5292-98' 350 units, 5318-28' 200 units, 5420-40' 400 units, 5446-54' 500 units, background gas 125 units, connection gas 200 units. Drilling 14-1/2 hrs., trip 8-1/4 hrs., service rig 1/4 hr.,

02/04/85 Total depth 5650'. Made 161' in Green River formation. Bit #2 out at 5650', made 1258' in 41-3/4 hrs., 60 RPM, 40,000#. Drilling with water. Drill to 5650'. TD well at 2:00 p.m. 2/3/85. Condition hole, 15 stands short trip, condition hole. Strap out to log. Drillers depth 5650', loggers depth 5660', strap 5659'. Shows: 5470-80' 300 units, 5522-32' 500 units. Drilling 8 hrs., trip 4-1/4 hrs, condition 3-1/2 hrs., log well 8-1/4 hrs.

02/05/85 Total depth 5650'. Present operation - rig down. Trip in hole, circulate, lay down drill pipe and drill collars. Cut drilling line. Rig up casing crew. Run 148 jts., 5-1/2", 15.50, J55, ST&C casing to 5646'. Rig up Halliburton, cement with 1st stage, 275 sxs High Left. 2nd stage, 485 sxs Class "G", 2% CaCl. Displace with 133 BW. Plug down at 12:15 a.m. 2/5/85. Release rig at 4:15 a.m. 2/5/85. Rig down. Trip 2-1/2 hrs., circulate 1 hr., cut drilling line 2 hrs., lay down drill pipe 5-1/2 hrs., run casing 4-3/4 hrs., cement 2-1/2 hrs., set slips 4 hrs., rig down 1-3/4 hrs.

02/06/85
to 02/11/85 Waiting on completion.
to 02/18/85 Waiting on completion.
to 02/25/85 Waiting on completion.
to 03/04/85 Waiting on completion.

03/05/85 PBSD 5575'. Rig up wellhead, nipple up BOP's. Pick up 4-3/4" mill, 5-1/2" scrapper. Pick up tubing, tag cement at 5575'. Shut down for night.

03/06/85 Circulate with 3% KCL. Trip out of hole. Trip in hole with McCullough. Ran CBL-CCL. Shut down for night.

03/07/85 Shut down.

03/08/85 Rig up McCullough. Trip in hole and correlate. Perforate from 5530-48', 4 shots per foot. Trip out of hole, shut in.

03/09/85 Rig up Howco. Pressure test to 5000#. Breakdown at 3900# @ 4.8 BPM, 43.5 BPM at 2580#. ISIP 1300#. Frac with 80,000# 20/40 sand, 761 Bbls 40# gelled water. Average rate 38 BPM, max rate 42 BPM. Average pressure 1900#, max pressure 2500#. ISIP 1800, 5 mins 1630#, 10 mins 1470#, 15 mins 1400#.

03/10/85 Shut down over Sunday.

03/11/85 SICP 625#. Flow through 1/4" choke. Made 90 bbls in 8 hrs. Well dead.

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03/12/85 Pick up Baker plug. Trip in hole and set at 5160'. Rig up McCullough. Trip in hole and correlate. Perforate from 5060-78', 4 shots per foot. Rig down and shut down for night.

03/13/85 Rig up Howco. Test lines to 5000# - o.k. Brokedown at 3350# @ 5.6 BPM. 2600# @ 48 BPM. Shut down. ISIP 1880#. Frac with 40# gel, 50,000# 20/40 sand, flush with 127 bbls 5% KCL. ISIP 2400#, 5 mins 2230#, 10 mins 2080#, 15 mins 2030#. Average rate 30 BPM, max rate 35 BPM, average pressure 2600#, maximum pressure 3150#.

03/14/85 Casing pressure 725#. At 9:30 opened well up. Recovered 53 BW. Well dead and shut in.

03/15/85 CP 350#. Blew down. Trip in hole with tubing to 1700'. Well kicking gas, water and oil. Rig up pump and circulate 65 Bbls KCL. 8 BO in flat tank. Kill well. Trip in hole and tag sand at 5070'. Clean out to 5150'. Latch on plug. Pull up to 4800'. Set and test to 1500# o.k. Trip in hole and shut down for night.

03/16/85 Perf from 4722-44', 22', 4 shots per foot, 88 holes. Trip out of hole and rig down McCullough. Rig up Howco. Pressure test to 5000#. Breakdown at 3250# @ 4.8 BPM, 50 BPM @ 3450#. Shut down. ISIP 1300#. Frac well with 40#/gel, 481 bbls, 50,000# 20/40 sand. 112 bbls 3% KCL displacement. ISIP 1700#, 5 mins 1640#, 10 mins 1560#, 15 mins 1480#. Average rate 35 BPM, max 35 BPM, Average pressure 2050#, max 3450#.

03/17/85 SICP 250#. Flowed 22 BW and died.

03/18/85 Shut down for Sunday.

03/19/85 SICP 50#. Blew Down. Trip in hole, tag sand at 4750'. Rig up pump, clean to 4800'. Pick up plug, trip out of hole and lay down plug. Trip in hole with notched collar, 1 jt. tbg., seating nipple. Tag sand at 5225'. Circulate and clean to 5450'. Shut down for night.

03/20/85 Clean out sand from 5450-5612'. Circulate bottoms up. Clean up sand. Trip out of hole. Pick up perf sub, 1 notch collar, 1 jt. tbg., 3' perf sub, seating nipple, 172 jts. 2-3/8" tbg. Seating nipple at 5536', notch collar at 5572'. Rig down BOP's. Rig up wellhead. Shut down for night.

03/21/85 CP -0-, TP -0-. Rig to swab. 29 runs, sand cut water. Recovered 166 BW, 7 BO. Fluid level 2600', stayed there. Pulling from 4200'. 1651 Bbls load water. Shut down for night.

03/22/85 CP -0-, TP -0-. Fluid level at 600'. Pull one run from 2500', no sand. Recovered 2.5 BO, 5 BW. Rig down swab. Rig up and run rods. 1-1/4" pump, 200 - 3/4" rods, 20 - 3/4" scraper rods, 8' pony, 6' pony, polish rod. Spaced and hung off.

03/23/85 100% water.

03/24/85 80 BW

03/25/85 70 BO 34 BW

03/26/85 35 BO 70 BW

03/27/85 93 BO 27 BW

03/28/85 81 BO 27 BW

03/29/85 93 BO 30 BW

03/30/85 75 BO 35 BW

03/31/85 71 BO 25 BW

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4034'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 170' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Perforate 4 JSPF @ 1595'
5. Plug #3 120' plug covering Uinta/Green River formation using 25sx Class "G" cement pumped under CICR and out perforations. Follow using 7 sx Class "G" cement pumped on top of CICR
6. Perforate 4 JSPF @ 300'
7. Plug #4 Circulate 105 sx Class "G" cement down 5 ½" casing and up the 5-1/2" x 8-5/8" annulus

The approximate cost to plug and abandon this well is \$42,000.

State 16-1-O-9-16

Spud Date: 01/04/85
Put on Production: 03/23/85
GL: 5927' KB: 5941'

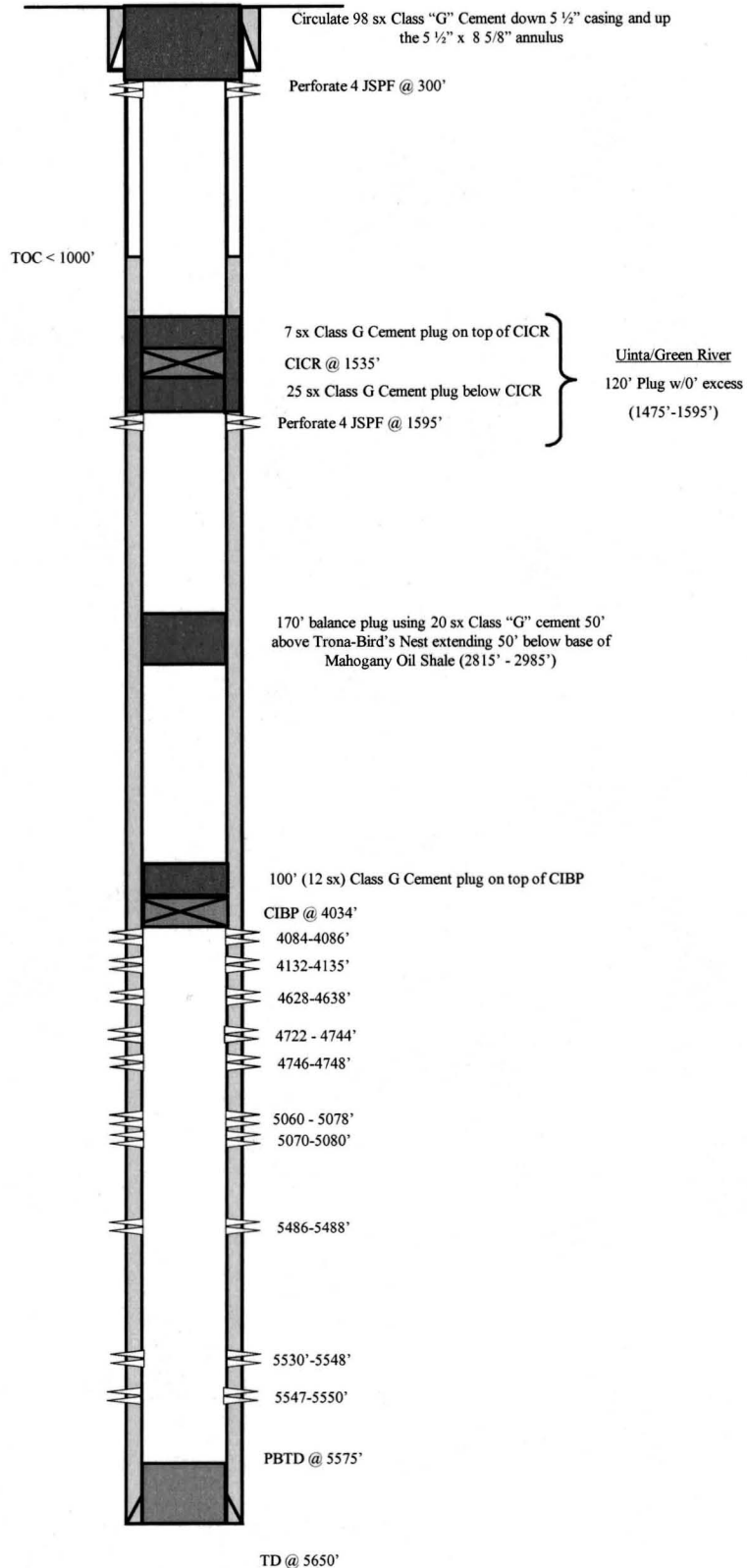
SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: ?
WEIGHT: 24#
LENGTH: 250'
DEPTH LANDED: 250' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 250 sxs Class "G"

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 148 jnts
DEPTH LANDED: 5646'
HOLE SIZE: 7-7/8"
CEMENT DATA: 275 sxs High Left & 485 sxs Class "G"
CEMENT TOP AT: <1000' per CBL 3/5/85

Proposed P & A Wellbore Diagram



NEWFIELD

State 16-1-0

755' FSL & 2110' FEL
SW/SE Section 16-T9S-R16E

Duchesne County, Utah

API #43-013-31022; Lease #ML-16532